

CURRICULUM VITAE

Walter Daelemans

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Place and date of birth:	Deurne (Belgium), June 3rd, 1960
Nationality:	Belgian
Position:	Professor (gewoon hoogleraar)
Address:	CLiPS (Computational Linguistics and Psycholinguistics research center) Department of Linguistics University of Antwerp Prinsstraat 13 (building L) B-2000, Antwerpen, Belgium TEL: +32 (0)32655222 FAX: +32 (0)32655898 Email: walter.daelemans@uantwerpen.be URL: http://www.clips.uantwerpen.be/~walter/

Education

Secondary School (ASO) Xaveriuscollege (Antwerp), Latin-Mathematics, (graduated 1978).

BA University of Antwerp (Kandidaat Germaanse Filologie), 1980.

MA University of Leuven (Licentiaat Germaanse Filologie), 1982. Major: General Linguistics, Minor: English language and literature.

Teaching Qualification (Aggregatie HSO), University of Leuven, 1982.

Special Diploma Psycholinguistics (Postgraduate Degree), University of Leuven, 1983.

Certificate Scientific Journalism, University of Nijmegen, 1985.

Ph.D. Computational Linguistics (Doctoraat Letteren en Wijsbegeerte, “greatest distinction”), University of Leuven. Dissertation on *Studies in Language Technology: An Object-Oriented Computer Model of Morpho-phonological Aspects of Dutch*, 1987.

Experience

Current Affiliations

Full Professor; Department of Linguistics, Computational Linguistics and Psycholinguistics Research Center (CLiPS), Computational Linguistics Group, University of Antwerp. Research on and teaching of Computational Linguistics and Artificial Intelligence. Research director of CLiPS. (October 1999 - December 2005, *hoogleraar*; from January 2006 *gewoon hoogleraar*).

Research Fellow of the Tilburg Centre for Cognition and Communication, Tilburg University. From 2009.

Previous Affiliations

Research Assistant, Language Technology Project, Faculty of Social Sciences, Department of Psychology, *University of Nijmegen*. Artificial Intelligence research and programming. February 1984 – August 1985.

Military service, Computer Department, Royal Higher Institute for Defense, Military Academy, Brussels. Development and maintenance of administrative programs and computer war simulations (“telebattle”), September 1985 – June 1986.

Research Assistant, Artificial Intelligence Laboratory, Faculty of Sciences, Computer Science Department, *Free University of Brussels*. Artificial Intelligence research on Office Automation and Natural Language Processing, July 1986 – January 1989.

Computational Linguistics and AI, Faculty of Language and Literature, *Tilburg University*. Research on and teaching of Natural Language Processing and Artificial Intelligence. Assistant Professor (Universitair Docent, February 1989 – February 1994); Research Scientist (Toegevoegd Onderzoeker C, March 1994 – December 1995); Associate Professor (Universitair Hoofddocent, January 1996 – October 1999). Interim Scientific Director of the Tilburg Institute for Language Technology and AI (ITK) (March – November 1995). Founder and Research Director of the ILK (Induction of Linguistic Knowledge) research group (January 1997). Part-time Associate Professor (Universitair Hoofddocent), and co-director of ILK (October 1999 – September 2002). Part-time full professor (hoogleraar) *Machine Learning and Language Technology* and co-director of ILK (January 2003 – December 2005).

Assistant Professor (January 1990 – December 1995); Associate Professor (January 1996 – October 2003); Professor (January 2003 – December 2005) of the Nijmegen/Tilburg Center for Language Studies (CLS) research institute and LOT (Netherlands Graduate School of Linguistics).

Part-time Associate Professor (Hoofddocent), Linguistics Department, *University of Antwerp*. January 1990 – February 1999; Part-time Professor (Hoogleraar), February 1999 – October 1999.

Guest Professor “Techniques of Artificial Intelligence: Text Mining”, Faculty of Sciences, Computer Sciences, AI-LAB, VUB (*University of Brussels*), October 2000 – October 2003.

Guest Professor “Text Mining”, MA Human Aspects of Information Technology, Faculty of Humanities, Tilburg University, November-December 2007.

Project Management

Abbreviation explanations: NWO (Dutch National Fund for Scientific Research), NFWO, FWO (Belgian/Flemish National Fund for Scientific Research), CLS (Tilburg/Nijmegen Center for Language Studies), STW (Dutch Society for Technical Sciences), IWT, VLAIO (Institute for the Promotion of Innovation by Science and Technology in Flanders), SOBU (Association for Research Cooperation between Tilburg and Eindhoven Universities), S.A.I.L. (Speech AI and Language), NCF (Stichting Nationale Computer Faciliteiten), BOF (Research Fund University of Antwerp), EU (European Union), STEVIN (Stimulation programme for the development of resources for Dutch language and speech technology), EWI (Flemish Ministry for Economics, Science, and Innovation), IOF (Industrial Research Fund University of Antwerp), NBB (National Bank of Belgium). Only local budgets are given in cooperative projects. With shared coordinatorship, the responsible or main coordinator is in italics. All budgets converted to euro but not adapted for inflation.

Current Projects

IWT SBO project “ACquiring CrUcial Medical information Using LAnguage TEchnology (AC-CUMULATE).” 1/1/2016–31/12/2019. (Daelemans, Aerts, Luyckx, Van den Bosch, *Moens*) [737,900 EURO]. Researchers: Stéphan Tulkens, Pieter Fizez, Simon Uster, Madhumita Sus-hil.

FWO aspirant Ben Verhoeven “Deep Linguistic Features for Computational Stylometry.” 1/10/2014–30/9/2018 [89,222 EURO].

FWO aspirant Stéphan Tulkens “The role of semantics in modeling the bilingual mental lexicon.” 1/10/2016–30/09/2020. (*Daelemans*, Sandra) [85,704 EURO].

FWO project “The interaction of gender and social class in Flemish online teenage talk.” 01/01/2015–31/12/2018 (*Vandekerckhove*, Daelemans) [246,372 EURO]. Researcher: Lisa Hilde.

FWO project “Solving Problems from Combinatorics and Probability Theory in Natural Language.” 01/01/2018–31/12/2021 (Daelemans, *De Raedt*, and others) [116,000 EURO].

FWO Scientific Research Association on “Digital Humanities in Flanders’.” 01/01/2015–31/12/2019 (*Van Hulle*, Daelemans and others) [4167 EURO].

BOF TOP project “Bootstrapping Operations in Language Acquisition: a computational psycholinguistic approach.” 01/01/2014–31/08/2018 (Daelemans, *Gillis*) [420,000 EURO]. Researchers: Robert Grimm, Giovanni Cassani.

BOF GOA project “The influence of political news on civilians, and of civilians on political news, in social media times. Theoretical challenges and empirical possibilities.” 01/01/2017–31/12/2020 (*Van Aelst*, Daelemans, Martens, Paulussen, Walgrave) [930,949 EURO]. Researcher: Tim Kreutz.

VLAIO Baekeland project “Optimalisation of Adaptability of Clinical Information Extraction Systems: Deep Learning and User-feedback Propagation Techniques.” 01/09/2017–31/08/2021 (*Daelemans*, Lynxcare) [50,000 EURO]. Researcher: Charlotte Hansart.

BOF fiscal recuperation project “Towards a European Time Machine.” 01/10/2017–30/09/2019 (*Kestemont*, Daelemans, Van Hulle, Van Damme, Soens) [10,000 EURO].

BRAIN.be project “Intelligent Neural Systems as Integrated Heritage Tools.” 15/12/2016–15/03/2021 (*Kestemont*, Van Hulle, Daelemans) [224,989 EURO].

Consultancy projects Lynxcare “Text analytics for Information Extraction from Clinical Reports.” 01/04/2017–30/10/2018, and 01/07/2017–30/06/2022.

Previous Projects, chronological according to start date

- Team manager AI-LAB Brussels for ESPRIT project 82 (Intelligent Work Station), 1986-1989.
- Van Dale Lexicography (Utrecht): software development for computing pronunciation representations for a Dutch/French dictionary (Robert and van Dale) using the GRAFON-D system, 1987 and 1993. **1990**
- NFWO Research Grant 8.0034.90 (Fundamentele Menswetenschappen) “Morfofonologische aspecten van het Nederlandse lexicon” (Morphophonological Aspects of the Dutch Lexicon), (Coordination: *Gillis*, Daelemans, De Schutter, Taeldeman), 1/1/1990–31/12/1993. [74,370 EURO]. Researcher: Gert Durieux. **1991**
- Initiator, network coordinator (1991-1995), and Tilburg site coordinator (1991–1997) of Erasmus network (ICP NL-1022/09) on Natural Language Processing (with as partners Tilburg University, University of Antwerp, University of Barcelona, University of Catalunya, University of Sussex, University of Manchester, University of Gothenburg, University of Saarbruecken, University of Bielefeld, Dublin City University, Open University Madrid, Paris 7 University, University of Sheffield, Trondheim University, Torino University, University of Leeds, and Université de Provence). Student Mobility and (from 1994) Joint Curriculum Development. [53,000 EURO] **1994**
- NFWO PhD project, “Machine learning of pragmatic knowledge”, 1994-1996. [61,970 EURO]. Researcher: Bart Van Hoorick.
- NFWO Research Grant 2.0101.94 (FKFO) “De verwerving van talige kennis: cognitieve en taal-technologische aspecten” (The acquisition of linguistic knowledge: cognitive and language technology aspects), (Coordination: Daelemans, *Gillis*, De Schutter, Taeldeman, Cuyt), 1/1/1994–31/12/1997. [198,300 EURO]. Researcher: Gert Durieux.
- KEMA project “Data Mining for prediction of cooling water restrictions in power stations”, 1994-95. [18,150 EURO]. Researcher: Jakub Zavrel. **1995**
- NFWO grant “Electronic Archive for Language Technology of Dutch” (with *Gillis*), 1995. [12,390 EURO]
- Research Council University of Antwerp (sponsored by Flemish Government) project “Memory-Based Part of Speech Tagging”, (Coordination: *Daelemans*, *Gillis*), 1/7/1995–30/6/1996. [34,700 EURO]. researcher: Peter Berck.
- IWT Research Grant 940047 “FONILEX: een uitspraaklexicon voor het Nederlands in Vlaanderen” (A Pronunciation Lexicon of Flemish Dutch), (Coordination: *Gillis*, Daelemans), Cooperation with CCL (Mertens) and ELIS (Van Coile). 1/7/1995–30/4/1997. [27,270]. Researcher: Peter Berck.
- CLS PhD Project “Machine Learning as a Tool in Linguistic Research”, 1/2/1995 - 31/1/1999 (an ILK project). [83,950 EURO]. Researcher: Jakub Zavrel.
- STW Project NGN55.3615 “Hybrid Modelling Techniques for Data-base mining.” (Coordination: C. Gielen, K.U.Nijmegen), 1/9/1995–31/12/1999. [90,760 EURO]. Researcher: Machiel Westerdijk. **1996**
- NFWO-NWO Flemish-Dutch cooperation research project G.2201.96 “A data-driven model of language acquisition: computational and psycholinguistic studies” (coordination: De Schutter, *Gillis*, Daelemans), 1/1/1996–30/9/1999. Extended until 31/12/2000. [260,585 EURO]. Researcher: Masja Kempen. **1997**
- SOBU PhD Project 97J “Leer algoritmen voor de constructie van een voorleesmodel.” (Machine Learning for linguistic aspects of Text-to-Speech), (Cooperation with Eindhoven technical University, R. Collier), 1/1/1997–31/12/2000. [90,760 EURO]. Researcher: Bertjan Busser.

CLS PhD Project “Memory-Based Syntactic Analysis”, 1/1/1997–31/12/2000. [84,090 EURO].
Researcher: Jorn Veenstra.

BOF, University of Antwerp, library credit, “Machine Learning of Language.” 1/1/1997–31/12/1997.
[992 EURO].

FWO Research Grant G.0157.97 “Linguaduct: Contextuele interpretatie van natuurlijke taal door middel van abductieve redenering en inductief verworven kennis” (Contextual interpretation of natural language by means of abductive reasoning and inductively acquired knowledge). Cooperation with CCL, and Computer Science Leuven, Computer Science UIA). 1/1/1997–31/12/2000. [114,000 EURO]. Researchers: Peter Berck (1/5/97–31/12/97), Guy De Pauw (1/7/97–30/9/98), Véronique Hoste (1/11/98–31/12/2000).

NWO project ILK (Induction of Linguistic Knowledge): PhD Project 300-75-302, “Machine Learning of Subcategorisation.”, Sabine Buchholz, 1/5/1997–30/6/2001; Postdoc Project 300-75-301, “Generalization and Abstraction from Language Data.”, Antal van den Bosch (from 1 Sep 1997 until 1 Jul 1999); dr. Khalil Sima’an (1 Jul 1999 - 31 Dec 2001). [272,270 EURO]

1998

ESPRIT TMR network 970139 “Extending Computational Grammars by Learning”, April 1, 1998 - July 31, 2001. [210,000 EURO]. Researcher: dr. Erik Tjong Kim Sang.

FWO PhD Project “Syntax as bottleneck in language technology research.”, (Supervision: *Daelemans*, Gillis), 1/10/1998–30/9/2002. [123,950 EURO]. Researcher: Guy De Pauw.

SOBU PhD Project 98D “Automatische inductieve leertechnieken voor planningssystemen.” (Automatic inductive learning for planning). 1/12/1998–1/12/2002. (Coordination: *van den Bosch*, Daelemans). Cooperation with Eindhoven University (Weijters). [90,910 EURO] Researcher: Laura Maruster.

Concerted Research Action (GOA) Flemish Government, “Computational Psycholinguistics: natural and artificial language acquisition and processing.” (Coordination: *Gillis*, Daelemans, De Schutter) in cooperation with UFSIA (Sandra), 1/1/1998–31/12/2001. Researchers: Gert Van Rillaer, Gert Durieux, Helena Taelman, Evelyn Martens. [495,787 EURO]. Extension 1/1/2002–31/12/2003. [242,940 EURO]. (Total GOA budget: 1,167,207 EURO). Researchers: Gert Durieux, Evelyn Martens.

1999

NWO subsidies in the framework of the Dutch-Flemish *Corpus Gesproken Nederlands* (Corpus Spoken Dutch) project; “Evaluation of part-of-speech taggers”, 15/2/99–15/6/99. [12,480 EURO] and “Construction of a tagger factory”, 1/9/99–31/12/2002. [10,180 EURO]. Researcher: Jakub Zavrel (1/2/99–1/9/99).

CELE, S.A.I.L Trust research project “Neuro-evolutionary language and speech technology”. 1/4/1999 - 31/12/2000. [176,893 EURO]. Researchers: Anne Kool (from 1/4/1999), Jakub Zavrel (from 1/9/1999).

2000

NCF research grant “Parallelisation of Memory-Based Learning in TiMBL”, 22/12/99–22/12/2000. [22,270 EURO]. Researchers: Jakub Zavrel, Ko van der Sloot.

Analysis of the domain of language technology and image processing. Flemish Government (Economy), minister Dirk Van Mechelen. 1/11/2000–31/10/2002. [12,394 EURO].

The E-Corporation n.v. research project “Topic spotting and tracking in newspaper text”. 1/7/2000–31/7/2003. [148,740 EURO]. Researcher: Eric Van Horenbeek.

IWT STWW (Strategische Technologieën voor Welzijn en Welvaart) TOP project, “ATRANOS: Automatic Transcription and Normalisation of Speech”. 1/10/2000–30/9/2004. In cooperation with CCL and ESAT, Leuven, and ELIS Gent. [341,225 EURO]. Researcher: Bart Decadt (until July, 2001); Erik Tjong Kim Sang (from July, 2001).

- Wetenschappelijke Onderzoeksgemeenschap (Scientific Research Community) “Computational Linguistics, Language and Speech Technology”. 1/1/2000–31/12/2004. With CCL, ESAT, ELIS, ETRO, Lessius, ARTI. [10,337 EURO]. **2001**
- Nederlandse Taalunie project “Action plan Dutch in language and speech technology”. 1/1/2001–31/08/2001. [30,608 EURO]. Researcher: Masja Kempen.
- FWO-NWO Flemish-Dutch cooperation research project (VNC project) G.2201.01 “Text Analysis and Machine Learning for Prosody” (PROSIT). 1/1/2001–31/12/2004. (Coordination *Daelemans*, Gillis, Swerts). Cooperation with Tilburg University ILK research group (*Van den Bosch*, Daelemans, Pajmans). [212,593 EURO]. Researcher: Véronique Hoste.
- FWO project “Language acquisition in children with a cochlear implant”. 1/1/2001–31/12/2004. (Coordination *Gillis*, Daelemans). Cooperation with UIA medical faculty (Offeciers, Govaerts). [237,383 EURO].
- Project MIDP (Multilingual, Informatics Development Project), cooperation between Province of Antwerp, the University of Antwerp, the Provincial government of the Free State and the University of the Free State. 1/5/2001–31/1/2004. **2002**
- FWO hardware grant “Genetic algorithms and data mining for language and speech technology” (parallel computer cluster). (Coordination: *Naudts*, Calders, Daelemans). 2002. [34,160 EURO].
- EU project METIS (Statistical Machine Translation using Monolingual Corpora), IST-2001-32775, 1/3/2002–28/2/2003. Subcontractor of CCL Leuven for lemmatization and POS tagging. [10,000 EURO].
- BOF opvangmandaat FWO (University of Antwerp) project “Techniques for the incorporation of linguistic knowledge in machine learning of language”, 1/10/2002–30/09/2003. [25,000 EURO]. Researcher: Fien De Meulder.
- EU project MUSA (Multilingual Subtitling of Multimedia Content), IST-2002-38299, 1/9/2002–28/2/2005. Partners: ILSP (coordinator), CNTS, BBC, Systran, Lumière Cosmos, ESAT-PSI. Researcher: Anja Höthker. [196,332 EURO].
- FWO project G.0350.02 “SEMADUCT: combination of deductive and inductive techniques for lexical semantics”. In cooperation with CCL, Leuven. [217,551 EURO]. 1/1/2002–31/12/2005. Researcher: Bart Decadt.
- IWT-GBOU project “OntoBasis. Foundations, construction, services, and applications of Ontologies”. 1/1/2002–31/12/2005. In cooperation with STAR and WISE, Brussels. [365,831 EURO]. Researcher: Marie-Laure Reinberger.
- IWT GBOU project FLAVOR (Flexible Large Vocabulary Recognition), 020192, 1/10/2002–30/9/2006. (Coordination: *Daelemans*, Gillis). Researchers: Guy De Pauw, Evie Coussé (until 1 October 2004), Kim Luyckx (from 1 October, 2004). [680,640 EURO].
- FWO Scientific Research Community “Machine Learning for Datamining and its Application”. 1/1/2002–31/12/2006. Participants: CNTS, Computational Modeling Lab (VUB), ESAT-SISTA (University of Leuven), DTAI (University of Leuven), ISLab (University of Antwerp). [12,500 EURO]. **2003**
- FWO PhD Project “The use of very large textcorpora in the automatic discovery of structure in natural language.”, (Supervision: *Daelemans*, Van Der Auwera), 1/10/2003–30/9/2007. [31,084 euro]. Researcher: Fien De Meulder. Stopped January 2005.

- BOF-NOI project “Semi-supervised learning of Information Extraction”, 1/1/2003–31/12/2004, extended 1/4/2005. (Coordination: *Tjong Kim Sang*, Paredaens, Daelemans). Researcher: An De Sitter. From 1/9/2004, coordination Daelemans and Paredaens, from 1/1/2005, researcher Véronique Hoste. [78,000 EURO].
- NWO IMIX small programme “ROLAQUAD: Robust language understanding for question answering dialogues.” (*Daelemans*, van den Bosch), 1/12/2003–30/11/2007. [299,867 EURO]. Researchers: Sander Canisius, dr. Pirooska Lendvai.
- EU project BIOMINT (Biological Text Mining), QLRT-2001-02770. 1/1/2003–3/03/2006. Partners University of Manchester (coordinator), CNTS, PharmaDM, OFAI, SIB, University of Geneva. [240,994 EURO]. Researcher: Frederik Durant (until May 14, 2004); Jo Meyhi (from May 3, 2004).
- EU Project FP6 IST-2002-506778, Network of Excellence, “PASCAL: Pattern Analysis, Statistical Modelling and Computational Learning.”, 1/12/2003–29/02/2008. [128,000 EURO]. **2004**
- FWO project “Situational factors in the production of inflected word forms: a psycholinguistic and computational approach” (*Sandra*, Martensen, Daelemans), 1/1/2004–31/12/2007. [226,900 EURO]. Researcher: Emmanuel Keuleers.
- Supercomputing cluster project, Flanders Ministry of Science, Innovation and Media. 1/1/2004–31/12/2006. (*Cuyt*, Peeters, Van Broeckhoven, De Schutter, Van Alsenoy, Daelemans). [1,000,000 EURO]. **2005**
- PASCAL pump priming project “Textual Entailment: a Generic Framework for Applied Semantic-oriented Inference” In cooperation with Bar-Ilan University, XEROX Grenoble, University of Geneva. 1/3/2005-31/12/2005. [20,000 EURO]. Researcher: Anja Höthker.
- STEVIN project “COREA: Coreference Resolution for Extracting Answers.” In cooperation with University of Groningen and Language and Computing. 1/4/2005–1/5/2007 (extended until 31/10/2007). [181,260 EURO]. Researcher: Véronique Hoste. From May 1, 2006: Iris Hendrickx. **2006**
- STEVIN project “DAESO: Detecting and Exploiting Semantic Overlap.”, in cooperation with University of Tilburg, University of Amsterdam, and Textkernel, 01/06/2006–31/05/2009. [154,999 euro]. Researcher: Iris Hendrickx.
- FWO project “Computational techniques for stylometry for Dutch.” 1/1/2006–31/12/2010 (prolonged). (*Daelemans*, De Pauw, Vanhoutte). Researchers: Kim Luyckx (until 30/9/2010), Mihai Tolea (from 1/10/2008 to 30/9/2009), Frederik Vaassen (from 1/9/2009 to 31/12/2009). [227,700 EURO].
- FWO W.O.G. “CLIF: Computational Linguistics in Flanders.” (inter-university cooperation on Computational Linguistics, Language and Speech Technology). 1/1/2006–31/12/2012. [12,500 EURO]. **2007**
- IWT (TETRA fund) project “GRAVITAL: natural language analysis for generating visual communication and art.”, in cooperation with Sint-Lucas (KdG University College, 01/01/2007–31/12/2008, (Nijs, Daelemans). [74,412 euro]. Researcher: Vincent Van Asch.
- BOF GOA project “Biograph: Text Mining with Heterogeneous knowledge bases”. 1/7/2007–31/12/2011. (*Daelemans*, Paredaens, Del-Favero, De Rijk). Researchers: Roser Morante, Emmanuel Keuleers (1/1/2008-30/6/2008), Vincent Van Asch (from 1/1/2009 to 31/1/2012). [1,103,000 EURO].
- FWO PhD project “Exemplar-based models of human sentence comprehension.” 1/10/2007–30/9/2011. (*Sandra*, Daelemans). [151,701 EURO]. Researcher: Bram Vandekerckhove.

2008

STEVIN demonstration project “NEON: Dutch Subtitling.” with Twente University, VRT, NOS, University of Leuven, University of Ghent. 1/4/2008–31/5/2009. [9,000 euro].

IOF PhD project “Artificial creativity in visual communication and arts.” 01/10/2008–30/09/2012. (*Daelemans*, Nijs). [146,000 euro]. Researcher: Tom De Smedt.

FWO PhD project “The end rhyme in Middle Dutch epic literature: development and relationship to authorship and genres.” 1/1/2008–30/9/2012. (*Willaert*, *Daelemans*). [154,500 EURO]. Researcher: Mike Kestemont.

EU Project FP6, ICT-216886-PASCAL2, Network of Excellence, “PASCAL 2: Pattern Analysis, Statistical Modelling and Computational Learning.”, 1/3/2008–28/2/2011. [7,200 euro].

EU Project FP6, ECP-2007-LANG-617001, Fostering Language Resources Network (FLARE-NET). 1/9/2008–31/8/2011. [9,000 euro].

2009

BOF project “Towards a synthesis of knowledge-based and data-based methods in computational linguistics.” 1/10/2009–30/9/2011. [30,000 EURO].

FWO W.O.G. “Machine Learning and Data Mining Applications” (inter-university cooperation on Machine Learning). 1/1/2009–31/12/2013. [8929 EURO].

2010

IWT SBO preproject “AMICA: Automatic monitoring for cyberspace applications.” 1/10/2010–30/9/2011. Researcher: Kim Luyckx. [72,600 EURO].

IWT Tetra project “Delearyous: interpersonal communication training of natural language interaction with autonomous virtual characters.” 1/1/2010–31/12/2012. [81,400 EURO]. (*Daelemans*, *Eneman*). Cooperation with Groep T Leuven. Researcher: Frederik Vaassen.

EWI research project “STYLENE: a web service for stylometry and readability research for the Dutch language.” (*Daelemans*, *Hoste*). Cooperation with LT3 Ghent. 1/1/2010–30/9/2012. [120,000 EURO]. Researcher: Koen Vereeken, Herwig De Smedt.

EWI research project “TTNWW: TST tools for Dutch as web services in a workflow.” 1/1/2010–30/9/2012. [59,000 EURO].

FWO research project “Statistical Relational Learning of Natural Language.” 1/1/2010–31/12/2013. [269,800 EURO]. (Cooperation with De Raedt). Researcher: Vincent Van Asch.

BOF PhD project “DAPHNE: A safer internet: semi-automatically recognizing internet paedophilia in multilingual online social networks.” (*Daelemans*, *Van Vaerenbergh*) 1/1/2010–31/12/2013. [167,200 EURO]. Researcher: Claudia Peersman.

2011

Artesis project (BOF) “Audio Description in Dutch: corpus research for a new multimodal translation form.” 14/2/2011–1/7/2012. (*Remael*, *Daelemans*). Researcher: Nina Reviens. [35,000 EURO].

Nationale Bank van België project “Analyseren van de impact van nieuws- en beursberichten op Belgische aandelprijzen via tekstmining.” 1/1/2011–31/12/2012. (*Martens*, *Daelemans*) [44,000 EURO]. Researcher: Enric Junqué de Fortuny.

NRF-DAC (South-Africa) project “Genre Classification for Document Management.” (with CText, Trifonius). 2011–2012. (*Van Huyssteen*, *Daelemans*).

IWT SBO project “ALADIN: Adaptation and Learning for Assistive Domestic Vocal Interfaces.” 1/1/2011–31/12/2014. [289,266 EURO]. Researchers: Janneke van de Loo, Guy De Pauw.

- FWO project “Authorship, composition and textual interconnectedness of three 16th-century mystical texts. Die evangelische peerle, Vanden tempel onser sielen, and the Arnhem mystical sermons. A stylometric approach”. 1/1/2011–31/12/2014 (extended without additional funding). (*Schepers, Daelemans*) [259,000 EURO]. Researcher: Renske van Nie. **2012**
- BOF (UA AUHA) project “Digitaal Archief van Belgische Neo-Avant-gardetijdschriften (DABNAP)”. 1/1/2012–31/12/2013. [20,000 EURO] (*Daelemans, Crombez*). Researcher: Sarah Bekaert, Frederik Vaassen.
- NTU-DAC (Dutch Language Union,) project “Automatic Compound Processing (AuCoPro)”. 1/1/2012–31/12/2013 (*Van Huyssteen, Daelemans, Van Zaanen*). [6,500 EURO]. Researcher: Ben Verhoeven.
- FWO Postdoc Mike Kestemont “A medieval Stylome? Exploring the Universal Stylome Hypothesis in medieval prose.” 1/10/2012–30/09/2015 (*Willaert, Daelemans*) [241,731 EURO].
- FWO project “Abstract rules or statistical learning? The impact of lexical and sublexical homophony in spelling and reading homophonous verb forms’.” 1/1/2012–31/12/2015. (*Sandra, Daelemans*) [263,000 EURO]. Researcher: Nina Verhaert. **2013**
- “Evaluation of Tools in Succeed.” 25/10/2013–24/10/2014 [7200 EURO].
- IWT SBO project “Automatic Monitoring for Cyberspace Applications (AMiCA).” 1/1/2013–31/12/2016. (*Daelemans, Hoste, Van Gool, Poels, De Turck*) [879,375 EURO]. Researchers: Guy De Pauw (2013-2016), Ben Verhoeven (2013-2014), Janneke van de Loo (2013-2015), Chris Emmery (2014-2016). **2014**
- IOF POC project “Text analytics web services for profiling and opinion mining.” 01/02/2014–31/01/2015 [58,500 EURO]. Researchers: Guy De Pauw, Tom De Smedt.
- NBB project “A publicly available economic uncertainty index indicator for the countries of G8 based on text mining.” 01/10/2014–30/09/2015 (*Martens, Daelemans*) [38,260 EURO]
- Consultancy project: scientific support for the Dutch insurance company ACHMEA through an internal workshop (“hackaton”).
- IWT PhD project Elyne Scheurwegs “Data fusion and structured input and output Machine Learning techniques for automated clinical coding.” 01/01/2014–31/12/2017 (*Van den Bulcke, Daelemans, Luyten; Van den Bulcke replaced by Goethals in 2015*) [172,118 EURO]. **2015**
- 2016**
- Consultancy project Display-Direct: development of a semantic model of companies, products and product properties (Product Space). 01/07/2016–01/10/2016 [17,140 EURO].
- Consultancy project Seedlinktech: proof of concept project for the development of an employee embedding system. 15/02/2016–01/04/2016 [5,265 EURO]. **2017**

Teaching Experience

My teaching expertise is in Artificial Intelligence, Cognitive Science, Programming for Artificial Intelligence, Machine Learning, Digital Humanities, Computational Psycholinguistics, Natural Language Processing, and Language Technology, at introductory and at advanced levels.

Current Teaching: University of Antwerp

Computational Linguistics. 2010FLWTAA, (MA) (with De Pauw until 2017, with Suster from 2017), 2007–

Algemene Taalwetenschap 2. (General Linguistics 2), (BA3) (with Sandra), 2016–
Replaced *Interdisciplinaire Linguïstiek*. (Interdisciplinary Linguistics), 1005FLWTLA, (BA) (with Sandra, Cuvelier), 2005–2016.

Cognitive Artificial Intelligence. 2011FLWTAA, (MA), 2018–
Replaced *Computatieve modellen van taalbegrip*. (Computational Models of Language Comprehension), 2007–2016.

Digital Humanities, 1016FLWTLA, (BA), (with Van Hulle, Crombez, Kestemont), 2011–

Wetenschappelijk onderzoek in taal- en letterkunde. (Scientific Research in the Humanities), 1025FLWTLA, (BA), (several lecturers), 2014–

Programmeren voor taal- en letterkunde. (Programming for Linguistic and Literary Studies), (with Kestemont), 2016–

University of Leuven

Engelse grammaticale oefeningen en woordenschat. (English Grammatical Exercises and Vocabulary) (student-assistant; supervision Prof. B. Rudzka), 1981-1982.

University of Nijmegen

Computatieve psycholinguïstiek en taaltechnologie. (Computational Psycholinguistics and Language Technology) (with Gerard Kempen and others) 1984-1985.

Computer Science Brussels (AI-LAB)

Inleiding AI. (Introduction to Artificial Intelligence) (with Luc Steels and others), 1987-1990.

Natuurlijke taal verwerking. (Natural Language Processing) (with Luc Steels), 1987-1988, 1989-1990.

Technieken van de Artificiële Intelligentie I. (Artificial Intelligence Techniques I. Natural Language Processing), 2000-2003.

Tilburg University

Automatisch vertalen. (Machine Translation) (with H. Kempff), 1989-1990.

Systemen voor redactionele ondersteuning. (Systems for Redactional Support) (with E. van der Linden), 1989-1990.

Computatieve lexicografie en lexicologie. (Computational Lexicography and Lexicology) (with E. van der Linden), 1989-1991.

Toegepaste taal- en teksttechnologie. (Applied Language and Text Technology) (with E. van der Linden), 1990-1992.

AI Systemen voor natuurlijke taalverwerking. (AI Systems for Natural Language Processing) 1989-1995.

AI formalismen in LISP. (AI Formalisms in LISP). 1989-1995.

Programmeerproject. (Programming Project). (coordination), 1991-1995.

Computerlinguïstiek. (Computational Linguistics) (with H. Bunt and R. Muskens), 1994-1995.

Lerende Systemen voor natuurlijke taal. (Machine Learning of Natural Language), 1995-1997.

Kunstmatige Intelligentie. (Artificial Intelligence), 1994-1995, 1996-1998.

Declaratief programmeren. (Declarative Programming) (with E. Thijsse), 1995-1998.

Automatische Taalanalyse. (Automatic Analysis of Language), 1997-1998.

Lerende Systemen. (Machine Learning), 1998-1999.

Automatische informatie-extractie en samenvatting. (Automatic Information Extraction and Summarization), 1998-1999.

Programmeren. (Programming), 1998-1999.

Text Mining (with A. van den Bosch). 2004-2005; 2007-2008.

Tias and CLS

Member Organization and Programme Committee TIAS (Tilburg Institute for Academic Studies) postgraduate course on *AI and Man-Machine Communication*. Co-organizer (with van der Linden) of Module 1 in this programme: AI: Applications and Problems, 1990-1991.

CLS course on ‘Neuro-Phonetics’ (with Johannesma and Wittenburg), Nijmegen, The Netherlands, December 1992.

CLS course on ‘Connectionism’ (with Wittenburg), Nijmegen, Max Planck Institute, The Netherlands, May 1994.

University of Antwerp

INTERNET voor taal- en literatuurwetenschap (INTERNET for Linguistics and Literary Science), (LING 406), 1997-2000.
Replaced *INTERNET en elektronische hulpmiddelen voor onderzoek in de taalwetenschap*. (INTERNET and electronic tools for research in linguistics), 1994-1997.

Capita Computerlinguïstiek. (Selected Topics in Computational Linguistics), (LING 403), 1997-2004.
Replaced *Capita taal- en informatieverwerking.* (Selected Topics in Language and Information Technology), 1992-1997.

Computerlinguïstiek. (Computational Linguistics) (LING 400), 1997-2007.
Replaced *Taal- en informatieverwerking.* (Language and Information Processing), 1992-1997.
Replaced *Programmeren van linguïstische algoritmen.* (Programming of Linguistic Algorithms), 1989-1992.

Taaltechnologie (LING 401). (Language Technology), 1992-2006.

Artificiële Intelligentie. (Artificial Intelligence), (LING 402), 1997-2007.

Replaced *AI en AI-programmeertechnieken*. (Artificial Intelligence and AI Programming), 1992-1997.

Replaced *Exploratie van linguïstische databanken*. (Exploration of Linguistic Databases), 1989-1992.

Programmeren voor AI en Computerlinguïstiek. (Programming for Artificial Intelligence and Computational Linguistics), 1999-2006.

Corpustaalkunde (Corpus Linguistics), (MA), 2008-2009. Replacing Steven Gillis.

Computationele psycholinguïstiek (capita selecta). (Computational Psycholinguistics Selected Topics), 2012FLWTAA (MA), (with Gillis, Sandra), 2007-2016.

Inter-university Advanced Master in Linguistics

Postgraduate Degree in Language Technology. Some of the previous courses (in modified form) were also presented as post-graduate courses. This degree has existed under various names: e.g. Speciale Licentie Computertaalkunde (Special degree Computational Linguistics), and GAS Taaltechnologie (Postgraduate degree Language Technology). From 1994 to 2004, it was part of a GGS (Interuniversitaire gespecialiseerde studie) in taalwetenschap (Inter-university Programme on Linguistics) as a specialisation module. This programme was replaced by a *Master of Advanced Studies in Linguistics* from 2005 (see below). Some of the courses are part of the free option programme of computer science students (Antwerp and Ghent) and library science students (Antwerp).

Computational tools for linguistics (MALING01A62010), (with S. Gillis), 6 credits, 2004-2011

Cognitive Artificial Intelligence, (MALING01A62170), 6 credits, 2004-2011

Automatic text understanding, (MALING01A62160), 6 credits, 2004-2011

Interdisciplinary Linguistics Intensive Course, (MALING01A62230), 12 credits, 2004-2011

Season Schools, Graduate Schools, and Conference Tutorials

AVT summerschool on ‘the Mental Lexicon’, invited contribution on ‘The Lexicon as a Complex Dynamic System.’, invitation Rob Schreuder, Nijmegen, The Netherlands, June 19, 1992.

International Summer School on Language, Logic, and Information (ESSLLI’94), advanced course on ‘Machine Learning of Natural Language’, invitation Gerald Gazdar, Copenhagen, August 1994.

Netherlands Graduate Summer School of Linguistics (LOT), graduate course on ‘Inductive Models of linguistic Knowledge’, Amsterdam, June 17-21, 1996.

International Summer School on Language, Logic, and Information (ESSLLI’96), workshop ‘Statistical Learning of Language.’ (with Ted Briscoe), invitation Ted Briscoe, Prague, August 1996.

ELSNET Summer School on Language and Speech Communication (Lexicon Development for Language and Speech Processing), course on ‘Lexical Acquisition’, (with Gert Durieux), invitation John Nerbonne, Leuven, July 1997.

Nemlap-3 and CoNLL’98 Invited Tutorial on ‘Introduction to Memory-Based Language Technology.’ Blue Mountains, Australia, January 12, 1998.

BCN, Graduate School for Behavioral and Cognitive Neurosciences, course on Computational Models of Language Acquisition, invited contribution on ‘Memory-Based Language Acquisition’, (with Gert Durieux), Invitation John Nerbonne, Groningen, June 30, 1998.

EAIA’00 (Advanced School on Artificial Intelligence). Information Exploration and Learning from Text. Invited tutorial on ‘Memory-Based Language Processing: Applications in Language Engineering.’ Instituto Superior Técnico, Lisbon, Portugal, September 15, 2000.

International Summer School on Language, Logic, and Information (ESSLLI’03), course on ‘Memory-Based Language Processing.’, (with Antal van den Bosch), Vienna, Austria, August 18-22, 2003.

ECML-PKDD tutorial on ‘Machine Learning for Natural Language Processing’ (with Antal van den Bosch). Berlin, Germany, September 21, 2006.

PhD School in Language and Speech Technologies, invited module on ‘Machine Learning Approaches to developing language processing modules’, Tarragona, Spain, 17-20 October, 2006.

LOT Summerschool, invited course on ‘Machine Learning for modeling in psycholinguistics’ (with Emmanuel Keuleers), Leuven, Belgium, 11-15 June, 2007.

Interspeech Tutorial ‘Machine Learning for Text and Speech Processing’ (with Van den Bosch), Antwerpen, Belgium, August 27, 2007.

Swedish Graduate School of Language Technology, invited Module on ‘Memory-Based Learning’ in the course on Machine Learning, Göteborg, Sweden, October 20, 2003; October 27, 2005; October 23, 2007; October 20, 2009.

International summer school in language and speech technologies (SSLST 2011), invited advanced course on ‘Computational Stylometry.’ September 2, 2011.

Invited tutorial on ‘New Applications of Automatic Text Categorization.’ Pretoria, South-Africa, January 25, 2012.

Invited tutorial on ‘Memory-Based Models of Language Acquisition and Processing.’ (with Antal van den Bosch), IASCL, Amsterdam, July 14, 2014.

Teaching in Industry

Flanders Language Valley, programme on Language and Computer Science, course on Computational Linguistics, (coordination with Van Eynde, and selected lectures), Ieper, 1998-2001.

Coordination Perl course for Lernout & Hauspie speech products (Lecturers: Tjong Kim Sang and Zavrel). 2000.

Course Design “Fundamentals of Speech, Artificial Intelligence and Language Technology” for S.AI.L., Ieper (with Van Compernelle). 2000.

Awards and Fellowships

For competitively awarded research grants, see section on project management.

Research Fellowship, directorate-general for international cultural co-operation, Flemish Government, at K.U.Nijmegen, 1984-1985.

Best paper award (NVKI-award 1988) First Dutch AI-Conference, April 13th, 1988, Amsterdam.

Visiting Research Fellow, School of Cognitive and Computing Sciences, University of Sussex, England (June - August, 1988). Travel grants from NFWO and British Council.

NIAS Fellow (Netherlands Institute for Advanced Study in the Humanities and Social Sciences), theme group Human Syntactic Processing, September, 1 1995 - February 15, 1996.

Elected ECCAI Fellow (European Coordinating Committee for Artificial Intelligence), “for pioneering work in the field of Artificial Intelligence and outstanding service for the European Artificial Intelligence Community”, August 2003.

Elected member of KANTL (Royal Academy for Dutch Language and Literature), installation June 2014.

Elected by the International Association for Computational Linguistics as ACL Fellow “for significant contributions to the theory, methodology, and applications of machine learning of language.”, December 2014.

Professional Activities

Supervised Ph.D.’s

1. Hans Pajmans, *Explorations in the Document Vector Model of Information retrieval*, Tilburg University, September 14, 1999. [co-promotor].
2. Sabine Geldof, *Context-sensitivity in Advisory Text Generation*, University of Antwerp, October 16, 2000. [promotor].
3. Guy De Pauw, *An Agent-Based Evolutionary Computing Approach to Memory-Based Syntactic Parsing of Natural Language*, University of Antwerp, September 30, 2002. [promotor].
4. Sabine Buchholz, *Memory-Based Grammatical Relation Finding*, University of Tilburg, December 13, 2002. [promotor].
5. Laura Maruster, *A machine learning approach to understand business processes.*, University of Eindhoven, August 27, 2003. [promotor].
6. Olga van Herwijnen, *Weighted error minimization in assigning prosodic structure for synthetic speech*, University of Eindhoven, May 17, 2004. [promotor].
7. Piroska Lendvai, *Extracting information from spoken user input*, Tilburg University, December 20, 2004. [promotor].
8. Véronique Hoste, *Optimization Issues in Machine Learning of Coreference Resolution.*, University of Antwerp, March 11, 2005. [promotor].
9. Iris Hendrickx, *Local classification and global estimation. Explorations of the k-nearest neighbor algorithm.*, University of Tilburg, November 21, 2005. [promotor]
10. Martin Reynaert, *Text Induced Spelling Correction*, University of Tilburg, December 2, 2005. [promotor]

11. Emmanuel Keuleers, *Memory-Based Learning of Inflectional Morphology.*, University of Antwerp, March 6, 2008. [promotor]
12. Remi Van Trijp, *Analogy and Multi-Level Selection in the Formation of a Case Grammar.*, University of Antwerp, September 22, 2008. [promotor]
13. Eric Van Horenbeeck, *Topical Facets. Semantic patterns between documents and the vocabulary.*, University of Antwerp, December 8, 2008. [promotor]
14. Sander Canisius, *Structured prediction for natural language processing. A constraint satisfaction approach.*, Tilburg University, February 13, 2009. [promotor]
15. Stephan Raaijmakers, *Multinomial Language Learning. Investigations into the geometry of language.*, Tilburg University, December 1, 2009. [promotor]
16. Lieve Macken, *Sub-sentential alignment of translational correspondences.*, University of Antwerp, May 28, 2010. [promotor]
17. Kim Luyckx, *Scalability Issues in Authorship Attribution*, University of Antwerp, December 7, 2010. [promotor]
18. Mike Kestemont, *Het gewicht van de auteur. Een onderzoek naar stylometrische auteursherkenning in de Middelnederlandse epiek*, University of Antwerp, May 23, 2012. [promotor]
19. Vincent Van Asch, *Domain similarity measures. On the use of distance metrics in natural language processing*, University of Antwerp, May 30, 2012. [promotor]
20. Tom De Smedt, *Modeling Creativity. Case Studies in Python.*, University of Antwerp, February 1, 2013. [promotor]
21. Bram Vandekerckhove, *Exemplar-based generalization at the interface between syntax and semantics*, University of Antwerp, November 19, 2013. [promotor]
22. Phil Jackson, *Toward Human-Level Artificial Intelligence. Representation and Computation of Meaning in Natural Language*, Tilburg University, April 22, 2014. [promotor]
23. Frederik Vaassen, *Measuring Emotion: Exploring the Feasibility of Automatically Classifying Emotional Text*, University of Antwerp, October 10, 2014. [promotor]
24. Nina Verhaert, *Rules or Regularities? The Homophone Dominance Effect in Spelling and Reading Regular Dutch Verb Forms*, University of Antwerp, January 20, 2016. [promotor]
25. Janneke van de Loo, *Machine learning approaches to modeling language use of individuals and demographic groups. Applications in societally relevant natural language processing*, University of Antwerp, November 28, 2016. [promotor]
26. Elyne Scheurwags, *Data Integration for Clinical Coding Algorithms*, University of Antwerp, November 27, 2017. [promotor]

Member Ph.D. Committees

1. Koenraad de Smedt, *Incremental Sentence Generation*, (NICI, University of Nijmegen, manuscript and promotion committee, 1990).
2. Jan Scholtes, *Neural Networks in Natural Language Processing and Information retrieval*, (University of Amsterdam, thesis and promotion committee, 1993).
3. Erik-Jan van der Linden, *A Categorical, Computational Theory of Idioms*, (Tilburg University, Ph.D. and promotion committee, 1993).

4. Sheila Williams, *A Computational System for Lexical Phonology*, (University of Reading, UK, External Examiner, 1993).
5. Theo Vosse, *Grammar-Based Spelling Error Correction in Dutch*, (University of Leiden, Referee and promotion committee, 1994).
6. Jim Entwistle, *A Parser for English using Constraints on Surface Sentence Form*, (The Flinders University of South Australia, External Examiner, 1995, 1998).
7. Paula Monachesi, *A Grammar of Italian Clitics*, (Tilburg University, Ph.D. and promotion committee, 1996).
8. Mieke Rats, *Topic management in Information Dialogues*, (Tilburg University, Ph.D. and promotion committee, 1996).
9. Jeroen Hoppenbrouwers, *Conceptual Modeling and the Lexicon.*, (Tilburg University, Ph.D. and promotion committee, 1997).
10. Antal van den Bosch, *Learning to pronounce written words. A study in inductive language learning.*, (Maastricht University, Ph.D. and promotion committee, 1997).
11. Licia Calvi, *A Proficiency-Adapted Framework for Browsing and Information Filtering in Web-Based Educational Systems.*, (University of Antwerp, examination committee, 1998).
12. Erik Tjong Kim Sang, *Machine Learning of Phonotactics.*, (University of Groningen, promotion committee, 1998).
13. Khalil Sima'an, *Learning Efficient Disambiguation.*, (University of Utrecht, promotion and manuscript committee, 1999).
14. Margriet Verlinden, *A constraint-based grammar for dialogue utterances.*, (Tilburg University, promotion and manuscript committee, 1999).
15. Lluís Màrquez i Villodre, *Part-of-speech tagging: A Machine Learning Approach based on Decision Trees.*, (Universitat Politècnica de Catalunya, membre de tribunal), 1999.
16. Erwin Marsi, *Intonation in Spoken Language Generation*, (Katholieke Universiteit Nijmegen, promotion committee), 2001.
17. Machiel Westerdijk, *Hidden Variable Models for Knowledge Discovery.*, (Katholieke Universiteit Nijmegen, manuscript and promotion committee), 2001.
18. Alexander Clark, *Unsupervised Language Acquisition: Theory and Practice.*, (University of Sussex, external examiner), 2001.
19. Andrea Krott, *Analogy in Morphology. The Selection of Linking Elements in Dutch Compounds.*, (Katholieke Universiteit Nijmegen, manuscript and promotion committee), 2001.
20. Sandra Kübler, *Memory-Based Parsing of a German Corpus.*, (Universität Tübingen, reviewer), 2003.
21. Christophe Costa Florencio, *Learning Categorical Grammars.*, (Utrecht University, manuscript and promotion committee), 2003.
22. Stasinios Konstantopoulos, *Using ILP to Learn Local Linguistic Structures.*, (University of Groningen, manuscript and promotion committee), 2003.
23. Fermin Moscoso del Prado Martin, *Paradigmatic Structures in Morphological Processing.*, (University of Nijmegen, cum laude and promotion committee), 2003.

24. Tanja Gaustad, *Linguistic Knowledge and Word Sense Disambiguation.*, (University of Groningen, manuscript and promotion committee), 2004.
25. Stefan Frank, *Computational modeling of discourse comprehension.* (University of Nijmegen, manuscript and promotion committee), 2004.
26. Victoria Frâncu, *Multilingual access to information using an intermediate language.* (University of Antwerp doctoral jury), 2004.
27. Mary Hearne, *Data-Oriented Models of Parsing and Translation.* (Dublin City University, external examiner), 2004.
28. Pham Hong Nguyen, *Thin Parsing.* (University of Sydney, external examiner), 2005.
29. Joris Van Looveren, *Design and Performance of Pre-Grammatical Language Games.* (Vrije Universiteit Brussel, doctoral jury member), 2005.
30. Joakim Nivre, *Inductive Dependency Parsing of Natural Language Text.* (Växjö University, opponent), 2005.
31. Ielka van der Sluis, *Multimodal Reference. Studies in automatic generation of multimodal referring expressions.* (Tilburg University, member doctoral committee), 2005.
32. Gabriel Infante-Lopez, *Two-level probabilistic grammars for natural language parsing.* (University of Amsterdam, member doctoral committee), 2005.
33. Alfio Gliozzo, *Semantic Domains in Computational Linguistics.* (University of Trento, member doctoral committee), 2005.
34. Marelle Davel, *Pronunciation modelling and bootstrapping.* (University of Pretoria, external examiner), 2005.
35. Ana Karla Alves de Medeiros, *Genetic Process Mining.* (University of Eindhoven, member doctoral committee), 2006.
36. Valentin Zhizhkin, *Graph Transformations for Natural Language Processing.* (University of Amsterdam, member doctoral committee), 2006.
37. Francois Yvon, *Des apprentis pour le traitement automatique des langues.* (Université de Paris VI, rapporteur habilitation thesis), 2006.
38. Gerard Escudero Bakx, *Machine Learning Techniques for Word Sense Disambiguation.* (Universitat Politècnica de Catalunya, Barcelona, member doctoral committee), 2006.
39. Lili Aunimo, *Methods for Answer Extraction in Textual Question Answering.* (University of Helsinki, pre-examiner), 2007.
40. Joachim De Beule, *Compositionality, Hierarchy and Recursion in Language.* (Vrije Universiteit Brussel, member doctoral committee), 2007.
41. Frizo Janssens, *Clustering of scientific fields by integrating text mining and bibliometrics.* (K.U. Leuven, member doctoral committee), 2007.
42. Gemma Boleda, *Automatic acquisition of semantic classes for adjectives.*, (Pompeu Fabra University, Barcelona, member doctoral committee), 2007.
43. Deirdre Hogan, *On Coordination Disambiguation in Generative Parsing Models, with Memory-Based Techniques for Parameter Estimation.*, (Dublin, external examiner), 2007.
44. Vincent Vandeghinste, *LoRe-MT: Low Resources Machine Translation.*, (University of Leuven, member examination committee), 2008.

45. Christian Günther, *Process Mining in Flexible Environments.*, (University of Eindhoven, promotion committee), 2009.
46. Anders Noklestad, *A Machine Learning approach to anaphora resolution including named entity recognition, pp attachment disambiguation, and animacy detection.*, (University of Oslo, opponent), 2009.
47. Oier Lopez de Lacalle Lekuonak, *Domain-specific word sense disambiguation.* (Universidad del Pais Vasco, PhD committee), 2009.
48. Chen Yifei, *Protein-protein interaction pair extraction.* (Vrije Universiteit Brussel, external PhD committee member), 2010.
49. Francisco Dellatorre Borges, *Parse Selection with Support Vector Machines.* (University of Groningen, manuscript and promotion committee), 2010.
50. M. Selvam, *Improvement of language and parsing models in resource deficient and morphologically rich Tamil language.* (Anna University Chennai, external examiner), 2010.
51. Marieke van Erp, *Accessing Natural History. Discoveries in data cleaning, structuring, and retrieval.* (Tilburg University, member promotion committee), 2010.
52. Joris D'hondt, *Clustering techniques in Knowledge Management: Advances and Applications.* (University of Leuven, member promotion committee), 2011.
53. Frans Adriaans, *Mechanisms of early language acquisition: Computational modeling and human data.* (University of Utrecht, manuscript and promotion committee), 2011.
54. Herman Stehouwer, *Statistical language models for alternative sequence selection.* (Tilburg University, doctoral jury), 2011.
55. Inge Molemans, *Sounds like babbling.* (University of Antwerp, doctoral committee and jury), 2011.
56. Xinhai Liu, *Learning from multi-view data: clustering algorithm and text mining application.* (University of Leuven, member doctoral committee), 2011.
57. Antonio Reyes Pérez, *Linguistic-based patterns for figurative language processing: the case of humor recognition and irony detection.* (Universitat Politècnica de Valencia, member doctoral committee), 2012.
58. Lieve Van Severen, *A large-scale longitudinal survey of consonant development in toddler's spontaneous speech.* (University of Antwerp, member doctoral committee), 2012.
59. Els Lefever, *ParaSense: Parallel Corpora for Word Sense Disambiguation.* (University of Ghent, member doctoral committee), 2012.
60. Mattias Nilsson, *Computational models of eye movements in reading.* (Uppsala Universitet, member doctoral committee), 2012.
61. Renate van den Berg, *Syllables inside out* (University of Antwerp, member doctoral committee), 2012.
62. Sander Wubben, *Text to Text Generation by Monolingual Machine Translation.* (Tilburg University, member doctoral committee), 2013.
63. Oydis Hide, *Acoustic Features of Speech by Young Cochlear Implant Users.* (University of Antwerp, member doctoral committee), 2013.
64. Tilla Fick, *n Masjienleerbenadering tot woordafbreking in Afrikaans.* (University of South-Africa, external examiner), 2014.

65. Kaspar Beelen, *Tussen “ik” en “wij”. Zelfrepresentaties in parlementaire vertogen.* (University of Antwerp, doctoral committee), 2014.
66. Jan De Belder, *Linear Programming Optimization for Natural Language Processing Problems.* (University of Leuven, member doctoral committee), 2014.
67. Eva D’hondt, *Cracking the Patent: Using phrasal features to aid patent classification.* (Radboud University Nijmegen, member manuscript committee and doctoral committee), 2014.
68. Benny De Decker, *De chattaal van Vlaamse tieners: Een taalgeografische analyse van Vlaamse (sub)standaardiseringsprocessen tegen de achtergrond van de internationale chatcultuur.* (University of Antwerp, member doctoral committee), 2014.
69. Guillermo Garrido, *Relational Knowledge Acquisition and Temporal Anchoring.* (UNED, Madrid, member doctoral committee), 2014.
70. Enric Junqué de Fortuny *Detecting patterns in human behaviour and operationalization of predictive models.* (University of Antwerp, member doctoral committee), 2014.
71. Bart Desmet *Finding the online cry for help. Automatic text classification for suicide prevention.* (University of Ghent, member doctoral jury), 2014.
72. Mathias Verbeke *Statistical Relational Language Learning of Natural Language.* (University of Leuven, member doctoral jury), 2014.
73. Liliana Mamani *Certainty Assessment in Informal Language.* (Trinity College Dublin, external referee), 2015.
74. Max De Wilde *From Information Extraction to Knowledge Discovery: Semantic Enrichment of Multilingual Content with Linked Open Data.* (Université Libre de Bruxelles, external jury member), 2015.
75. Lien Van Abbenyen *Do Episodic Memory Representations Mediate Masked Priming Effects in the Lexical Decision task?* (Universiteit Antwerpen, jury member), 2015.
76. Emily K. Jamison *Crowdsourcing Annotation and Automatic Reconstruction of Online Discussion Threads* (Technische Universität Darmstadt, reviewer), February 17, 2016.
77. Suzanne Mpouli *Automatic Annotation of Similes in Literary Texts* (Pierre and Marie Curie University, Paris, jury member), October 3, 2016.
78. Florian Kunneman *Modelling Patterns of Time and Emotion in Twitter #anticipointment* (Radboud Universiteit Nijmegen, jury member), March 21, 2017.
79. Peter Berck *Memory-based Text Correction* (Radboud Universiteit Nijmegen, jury member), April 12, 2017.
80. Lucie Fleková *Leveraging Lexical-Semantic Knowledge for Text Classification Tasks* (Technische Universität Darmstadt, jury member), April 24, 2017.
81. Jolien Faes *Speech Production and Speech Production Accuracy in Young Children: Hearing and Hearing Impaired Children with a Cochlear Implant.* (University of Antwerp, jury member), May 3, 2017.
82. Ellen Tobback *Advances in Data Mining for Risk and Uncertainty Using Textual and Behavioural Data* (University of Antwerp, jury member), June 16, 2017.
83. Juan Soler *Feature Engineering for Author Profiling and Identification: On the Relevance of Syntax and Discourse* (Universitat Pompeu Fabra, jury chair), July 6, 2017.

84. Cynthia Van Hee *Can Machines Sense Irony? Exploring Automatic Irony Detection on Social Media*. (Ghent University, jury member), September 22, 2017.

Ex officio (PhD committee chair, University of Antwerp): *Bert Bultinck*, Numerous Meanings. The meaning of English cardinals and the legacy of Paul Grice, April 30, 2002; *Helge Daniëls*, Debating variability in Arabic, September 12, 2002; *Gilberte Lenaerts*, The Columberg report in the Flemish media: Discourse and Identity maintenance, September 12, 2003; *Renzhi Li*, Modality in English and Chinese: a Typological Perspective, September 5, 2003; *Astrid Geudens*, Breaking through the rime. An inquiry into the relevance of the onset-rime structure in children's phonological awareness and early reading development, November 26, 2003; *Helena Taelman*, Syllable omissions and additions in Dutch child language, May 28, 2004; *Lutgard Lams*, Reporting The Hong Kong Handover: A pragmatic analysis of news coverage in comparative taiwanese / mainland Chinese perspective, June 11, 2004; *Jürgen Jaspers*, Tegenwerken, belachelijk doen. Talige sabotage van Marokkaanse jongens op een Antwerpse middelbare school. Een sociolinguïstische etnografie, November 10, 2004; *Liesbeth Vanormelingen*, Are you talking to me? Child-directed speech and language development: hearing children of different socio-economic statuses and deaf children with a cochlear implant, May 30, 2016. *Konul Hajiyeva*, Vocabulary Development in Higher Education: The Case of English in Azerbaijan, July 8, 2016.

Organization

Editorial Boards:

• Current

- Member editorial board *Digital Scholarship in the Humanities*, OUP, 2015–
- Member standing reviewer team *Transactions of the Association for Computational Linguistics*, ACL, 2012–
- Member editorial board *CLIN Journal*, 2011–
- Associate Editor *Research on Language and Computation*, 2007–2011; converted to a corner in *Journal of Logic and Computation*, OUP, 2011–
- Member editorial board CELCR: Converging Evidence in Language and Communication Research, John Benjamins Publishing Company, 2000–
- Member editorial board *Logic Journal of the IGPL*, OUP, 2008–

• Previous

- Member editorial board *THINK Quarterly*, 1992-1995.
- Member editorial board *WEB-SLS*, ESCA-EACL-ELSNET Student Journal of Language and Speech, from 1996.
- Associate Editor *IEEE Transactions on Speech & Audio Processing (IEEE T-SA)*, Area SA1.3, 1997-1999.
- Member editorial board *Research in Computational Psycholinguistics* book series (John Benjamins). Series edited by Dan Jurafsky, 1997.
- Member editorial board *Machine Learning journal*, 2000–2003. (Resigned 2001 as a reaction to Kluwer policies).
- Member editorial board *Computational Linguistics*, 2001–2003.
- Member European Board of DISKI dissertation series in Artificial Intelligence (IOS Press / ECCAI), 2002.
- Associate Editor of JAIR *Journal of Artificial Intelligence Research*, 2002–2005. Advisory Board member, 2006–2009.
- Member editorial council *International Journal of Computer Science and Applications*, 2004–2007
- Member editorial board *Journal of Machine Learning Research*, 2001–2010

- Member advisory board *Linguistica Antverpiensia New Series*, 2005–2016
- Managing Editor *Computational Cognitive Science*, Springer, 2013–2016.

Conference and Workshop Organization:

- Organizer (with P. Flach) *ITK colloquium series*, 1989-1991.
- *First International Workshop on Inheritance in Natural Language Processing* (with Gazdar), Tilburg, August, 1990.
- *International Workshop on Machine Learning for Natural Language* (with Powers), Tilburg, February, 1992.
- *Taaltechnologisch Forum, Forum des Industries de la Langue* (member organizing committee) Brussels, 1993.
- *ELSnet-MLnet Workshop on Machine Learning of Natural Language* (with van der Linden and Ellison), Amsterdam, December 2-3, 1994.
- *Sixth Computational Linguistics in the Netherlands Workshop* (with Gillis and Durioux), Antwerp, December 1, 1995.
- *CLIF workshop on the future of Language Technology in Flanders* (with Gillis), Antwerp, November 30, 1995.
- *ECML'97 workshop on Empirical Learning of Natural Language Processing Tasks* (with van den Bosch and Weijters), Prague, April 26, 1997.
- *ELSnet summer school on Lexicon Development for Language and Speech Processing* (member organisation committee), Leuven, July 1997.
- *ACL'97 workshop CONLL'97, Computational Language Learning* (with Powers and Ellison), Madrid, July 11, 1997.
- *BENELEARN'97* (with Flach and Van den Bosch), Tilburg, October 21, 1997.
- *NAIC'97*, National Dutch AI Conference (PC chair, with Van Marcke), Antwerp, November 12-13, 1997.
- *Round Table on Algorithms for Memory-Based Language Processing* (with Gillis), Turnhout, Corsendonk, December 12-13, 1997.
- *CONLL'98, Conference on Computational Language Learning* (with Powers and Ellison), Sydney, Australia, January 1998.
- Tutorial chair, *European Chapter of ACL Conference*, Bergen, Norway, June 1999.
- *BNVKI Tutorials on Artificial Intelligence and Natural Language Processing* (with De Pauw), Tilburg, January 2000.
- *CONLL2000, Conference on Computational Language Learning* (with Cardie and Tjong Kim Sang), Lisbon, Portugal, September 14, 2000.
- *Eleventh Computational Linguistics in the Netherlands Workshop* (with Veenstra, Sima'an, Zavrel), Tilburg, November 3, 2000.
- Conference of the Association for Computational Linguistics ACL 2000 conference (area chair statistical and machine learning methods), Hong Kong, 2000.
- *Fifth Workshop on Computational Language Learning, CoNLL 2001* (with Zajac), Toulouse, France, July 6-7, 2001.
- Workshops Chair, *International Conference of the Association for Computational Linguistics, ACL-02*, Philadelphia, USA, July 2002.
- *CONLL 2003, Conference on Computational Language Learning* (with Osborne), Edmonton, Canada, May-June 2003.
- *Fourteenth meeting of computational linguistics in the Netherlands (CLIN 2003)* (with Decadt, De Pauw, Hoste), December 19, 2003.

- Programme Committee co-chair *International Conference of the Association for Computational Linguistics, ACL-04*, Barcelona, July 2004.
- *Third CLIF symposium* (with Frieda Steurs), Antwerpen, June 10, 2004.
- *Workshop on analysis and generation of prosody*, (with Van den Bosch, Hoste, Marsi, Reynaert), Tilburg, December 21, 2004.
- *Workshop on Machine Learning of Information Extraction*, (with Hoste), University of Antwerp, Belgium, March 10, 2005.
- *Senior Program Committee member IJCAI 2007*, Hyderabad, India, 2007.
- *ECML-PKDD 2008*, Programme co-chair, University of Antwerp, Belgium, September 2008.
- *The Agile Mind. Creativity in Discourse and Art*, Brussels, September 11-12, 2008. Programme co-chair.
- *ECML-PKDD*, area chair, Bled, Slovenia, 2009.
- *Fourth CLIF symposium*, co-organizer, University of Antwerp, December 8, 2009.
- *Advances in Bio Text Mining*, co-organizer, University of Ghent, May 10-11, 2010.
- *ACL 2010*, area chair, Uppsala, Sweden, 2010.
- *ESSLLI 2010*, programme committee “Language and Computation”, Copenhagen, 2010.
- *European Conference of the ACL*, general chair, Avignon, 2012.
- *CLEF 2011* Lab on Question Answering for Machine Reading Evaluation, pilot task on Modality and Negation, Amsterdam, 2011 (with Roser Morante).
- *CLEF 2012* Lab on Question Answering for Machine Reading Evaluation, pilot tasks on Modality and Negation and on Machine Reading of biomedical texts about the Alzheimer disease, Rome, 2012 (with Roser Morante).
- *ACL 2013*, area chair Statistical and Machine Learning Methods, Sofia, 2013.
- *Fortan 2013* workshop on Forensic Text Analytics, Uppsala, 2013 (with de Rijke, Bosma, Veenman).
- *CLEF 2013* Lab on Question Answering for Machine Reading Evaluation, Machine Reading of biomedical texts about the Alzheimer disease, Valencia, 2012, (with Morante, Kralinger, Valencia).
- *EMNLP 2014*, Program co-chair, Qatar, 2014.
- *CLEF 2014*, member task committee PAN lab (automatic profiling and authorship verification), Sheffield, 2014.
- EADH Spring Academy in Digital Humanities, Antwerp, 2014 (with Crombez, Kestemont, Van Hulle).
- The First Workshop on Computational Approaches to Compound Analysis (ComA-ComA 2014), Dublin, 2014 (with Verhoeven, van Zaanen, van Huyssteen).
- 25th Computational Linguistics in the Netherlands (CLIN25), Antwerp, February 5-6, 2015 (with Verhoeven, Kestemont, De Pauw, van de Loo).
- *CLEF 2015*, member task committee PAN lab (automatic profiling, and authorship verification), Toulouse, 2015.
- *CLEF 2016*, member task committee PAN lab (automatic profiling, and author identification), Evora, Portugal, 2016.
- *International Document Image Processing Summer School*, member organisation committee, Samos Island, Greece, July 4-8, 2016.
- *2nd Prosecco Code-Camp* on story generation, member organisation committee, Antwerp, Belgium, April 6-8, 2016.
- *CLEF 2017*, member task committee PAN lab (author identification), Dublin, Ireland, 2017.
- *Google Summer of Code*, mentor 2017.

Scientific Advice

Current roles and offices:

- Member FWO review committee CULT1. 2016–
- Member of TransMedia Benelux. 2011–
- Board of STIL (Stichting Toepassing Inductieve leertechnieken), Tilburg, board member (1998-2008). Chairman 2009–
- Member informal CLIN (Computational Linguistics in the Netherlands) working group (from 1990) with Van Noord and Nijholt.
- Member International Advisory committee (2003-2007) and Steering Committee (2007–) of ACL Special Interest Group in Natural Language Learning (SIGNLL).
- Member of the ACL SIGDAT advisory board, 2013–
- Chair-elect of the EACL, 2015-2016; Chair of EACL 2017-2018.
- Member of the ACL executive committee, 2017-2018.
- Member steering committee DH Benelux, 2014–

Previous roles in organisations and projects:

- Member NWO (Dutch National Science Foundation) exploratory committee for the stimulation of research in language and speech technology in the Netherlands, 1990.
- Advice ESPRIT project 5254 (PLUS, Pragmatics-based Language Understanding System), 1991-1992.
- Research Associate International Pragmatics Association (IPrA), 1992-1993.
- Member Scientific Advisory Board “A Modern Grammar of Dutch” (MGD), 1994.
- Initiator (with David Powers) of the ACL Special Interest Group in Natural Language Learning (SIGNLL). Secretary (1995-1999, re-elected 1997). President (1999-2003, re-elected 2001).
- CLIF (Computational Linguistics in Flanders) working group of the FWO sponsored research community on Computational Linguistics and Language Technology (Co-proposer and initiator with Gillis and De Schutter; Coordinator: 1995–97). Member CLIF (Computational Linguistics in Flanders) coordination group.
- Tilburg site coordinator for ELSNET (1995–2000).
- Member User Group Club of Esprit long-term research Project ILP-II (Applications of Inductive Language processing in Natural Language Processing (1996–1999).
- Member of the board of ECCAI (European Coordinating Committee for Artificial Intelligence), 1996-1998.
- Member Computational Linguistics and Language Technology Working Group and Formal Methods in Humanities Working Group of ACO*HUM, EC Socrates thematic network on computation in the humanities; EACL Liaison to ACO*HUM (1996-1999).
- Nederlandse Taalunie project ‘Terreinverkennd onderzoek naar de positie van het Nederlands in taal- en spraaktechnologie.’ (Exploratory research on the position of Dutch Speech and Language Technology). Project co-supervisor, 1997-1998.
- Member (‘external expert’) of working group ‘Corpus Annotation’ of the CGN (Corpus Gesproken Nederlands) project, 1998-2003.
- Member of advisory committee *Action Plan for Dutch in language and speech technology* of the “Platform Language and Speech Technology” (Nederlandse Taalunie), 1999-2001.
- Member of the advisory committee “electronic ANS” of the Nederlandse Taalunie. 1999–2002.

- Member EACL (European Chapter Association for Computational Linguistics) nominating committee (1999-2002).
- EACL representative in the board of the *European Masters in Language and Speech*. (1999–2004).
- Member of BNVKI-board (Dutch-Belgian AI Association, 1999–2001).
- Member jury HI-AVT Master’s Thesis prize Computational Linguistics, 2000.
- Member User/Advisory Group “Geïntegreerde Taalbank” (Integrated language database) of INL (Institute Dutch Lexicography, Leiden, The Netherlands). 2000–2009.
- Spokesman of CLIF-2 (Computational Linguistics in Flanders), FWO sponsored research community on Computational Linguistics and Language and Speech Technology (2000-2004).
- Antwerp site coordinator for MLNET (2000–2002).
- Member preparatory committee NWO research programme “Interactive Multimodal Information Extraction.” (IMIX), 2000. Member of Steering Committee (2002–2008).
- Antwerp site coordinator for ONTOWeb (from 2001–2004).
- Member preparatory committee and member programme committee STEVIN programme “Essential Resources for Language and Speech Technology for Dutch”, 2004–2012.
- Member technical advisory board UK National Centre for Text Mining (NaCTeM), 2004–2011.
- Invited contribution to *Roadmap for Language and Speech Technology Resources* (under the auspices of ELSNET, ENABLER and ELRA), 2004.
<http://www.ilc.cnr.it/write/roadmap.htm>
- Elected member executive board International Association for Computational Linguistics (ACL) (2004–2007).
- International Collaborator Next Generation Localisation programme CSET (Dublin). 2007–2011.
- Member advisory board project “termextractor” (Dutch Language Union). 2008–2011.
- Member ECML PKDD council steering committee, 2008–2011.
- Member ARTESIS translation and interpretation department scientific advisory board. 2009–2011.
- Member Kennislink advisory board. 2009–2010.
- Chairman advisory board TST-centrale (Nederlandse Taalunie), 2010–2013.
- Scientific Advisory Committee EU project ACORNS. 2006–2009.
- User Group or Advisory Group member roles in the STEVIN projects DPC, LASSY, SONAR, and SPRAAK. 2006–2012.
- Scientific godfather TETRA project ABOP (Automatic optimization readability medicine leaflets). 2007–2009.
- External supervisor Ghent University College project HENDI (Readability tool English and Dutch discourse). 2009–2012.
- Advisory Board of iCOP (Identifying and Catching Originators in Peer-to-Peer Networks). 2011–2013.
- Member steering committee *NETWORKS*, European Science Foundation Research Networking Programme on cross-disciplinary approaches to understanding word structure in the languages of Europe, 2011-2015.
- Member of Biomina (Biomedical informatics research center Antwerp). 2011–2015.

- Member planning and steering committee *HLT Collaboration between South Africa and the Low Countries* (2008–2010). Member joint planning and monitoring committee (2011–2016)
- President of META-TRUST, representing the network of excellence META-NET and the Multilingual Europe Technology Alliance (META), 2012–2017

Memberships:

- Current memberships professional organisations: Association Computational Linguistics (ACL) (from 1990); American Association for Artificial Intelligence (AAAI) (from 1998); Association for Computing Machinery (ACM) (from 2001); SKEPP (from 2013).
- Previous memberships: Belgische Kring Linguistiek (2005–2010); Dutch AI Association (NVKI/BNVKI) (from 1988); International Federation for Information Processing (IFIP) Technical Committee 12 (Artificial Intelligence) Working Group 12.4 (Natural Language Processing) (1992); Dutch General Association for Linguistics (AVT) (from 1995).

Curriculum evaluation committees:

- Member curriculum evaluation committee ‘Computational Linguistics Curriculum’ Göteborg University, 1995.
- Member visitatiecommissie Kunstmatige Intelligentie, The Netherlands (2007), (presided by prof. W.A. Wagenaar).
- Panel member of Quality and Renewal 2011, research evaluation Uppsala University.
- Member informal pre-visitation CLS, Nijmegen University, 2012.

Valorisation:

- Member Scientific Advisory Board Cognitech (Nijmegen), 1989–1996.
- Co-founder of two spin-off companies based on computational linguistics research at University of Antwerp: *.textkernel* bv (Amsterdam, 2001); *Textgain* (Antwerpen, 2015). Also involved in the creation of *FLUENT.AI* Inc (Montreal, 2017).

Programme committee membership

- Major Conferences:
 - AAAI (Edmonton, 2002; Boston, 2006)
 - ECML European Conference on Machine Learning (Chemnitz, 1998; Freiburg 2001; Dubrovnik, 2003); ECML-PKDD (Berlin, 2006; Warsaw, 2007)
 - COLING-ACL (Sydney, Australia, 2006)
 - CoNLL Conference on Natural Language Learning (Bergen, 1999; Taipei, 2002; Boston, 2004; Ann Arbor, 2005; New York, 2006; Prague, 2007; Manchester, 2008; Boulder, 2009; Uppsala, 2010; Portland, 2011; Jeju, 2012; Sofia, 2013; Baltimore 2014; Beijing 2015; Berlin 2016; Vancouver 2017)
 - ICGI International Colloquium on Grammatical Inference (Montpellier, 1996; Ames Iowa, 1998; Lisbon, 2000; Athens, 2004)
 - NEMLAP International Conference on New Methods in Language Processing (Ankara, 1996; Sydney 1998)
 - NLIS Workshop on Natural Language in Information Systems (Vienna, 1998; Greenwich, 2000; Aix-en-provence, 2002; Zaragoza, 2004)
 - NAIC/AIT (Amsterdam, 1991); NAIC (1998); BNAIC (Maastricht, 1999; Tilburg, 2000; Amsterdam 2001; Leuven, 2002; 2003; Groningen, 2004; Brussels, 2005; Namur, 2006; Utrecht, 2007; Enschede 2008; Eindhoven, 2009; Luxembourg, 2010; Ghent 2011; Maastricht 2012; Delft 2013; Nijmegen 2014; Hasselt 2015; Amsterdam 2016; Groningen 2017)
 - BENELEARN (Brussels, 1993; Rotterdam, 1994; Maastricht, 1998; Antwerp, 2001; Brussels, 2004; Enschede 2005; Ghent, 2006; Amsterdam, 2007; Liege 2008; Tilburg 2009; Leuven 2010; Den Haag 2011; Ghent 2012; Nijmegen 2013; Kortrijk 2016; Eindhoven 2017)

- LREC Conference on Language Resources and Evaluation (Genoa, Italy, 2006; Marrakech, 2008; Istanbul 2012; Reykjavik 2014; Portoroz, Slovenia, 2016; Miyazaki, 2018)
- RIAO 2007 (Pittsburgh, USA, 2007)
- DIR (Delft, 2006; Leuven, 2007; Maastricht, 2008; Enschede, 2009; Nijmegen 2010; Amsterdam 2011; Ghent 2012; Delft 2013;)
- Cognitive Science (CogSci) (Amsterdam, 2009)
- EPIA Text Mining and Applications (TeMA) Workshop (Covilha, Portugal, 2005; Guimaraes, Portugal, 2007; Aveiro, Portugal, 2009; Lisbon Portugal, 2011; Terceira, Azores, 2013)
- CICLing (Haifa, Israel, 2008; Mexico, 2009; New Delhi, 2011; Samos 2013; Cairo, 2015; Budapest, 2017)
- *SEM (Montreal 2012; Atlanta 2013; Dublin 2014; Denver, 2015)
- RANLP (Borovetz, 2003; 2005; 2007; 2011)
- Digital Humanities BeNeLux (The Hague, 2014; Antwerp 2015)
- The Sixth Baltic Conference on Human Language Technologies (Kaunas, Lithuania, 2014)
- ECIR (Padua, Italy, 2016); ECIR mentoring committee (2016).
- Other Conferences and Workshops:
 - ECML Workshop on Machine Learning and Text Analysis (Vienna, 1993)
 - Intelligent Computer Communication (Cluj Napoca, 1995; 1998)
 - Workshop on Very Large Corpora 3 (Boston, 1995)
 - Workshop on the Computational Lexicon (Barcelona, 1995)
 - International Computational Psycholinguistics Conference (Berkeley, 1997)
 - ECML Workshops on Text Mining and Adaptive Natural Language Processing Driven Systems (Chernitz, 1998)
 - Irish Artificial Intelligence & Cognitive Science Conference (Dublin, 1998)
 - ICML workshop on Machine Learning in Text Data Analysis (Bled, 1999)
 - MT 2000: Machine Translation and multilingual applications in the new millennium (Exeter, UK, 2000)
 - KDD-2000 Workshop on Text Mining (Boston, 2000)
 - Intelligent Systems (2000)
 - DAWAK (München, 2001; Aix-en-Provence, 2002; Praha, 2003)
 - IEEE NLP-KE (Tucson, 2001; Beijing, 2003; Wuhan, 2005)
 - TextDM (San Jose, USA, 2001)
 - Australian NLP Workshop (Canberra, 2002)
 - Colloque International sur la Fouille de Texte (Hammamet, 2002)
 - ESSLII workshop on machine learning of language (Trento, 2002)
 - LREC workshop Machine Learning Approaches in Computational Linguistics, LREC Workshop on Linguistic Knowledge Acquisition and Representation (Las Palmas, 2002)
 - QITL (Osnabrueck, 2002; 2006; 2008; Leuven 2013; Tuebingen 2015)
 - TextML (Sydney, 2002)
 - Treebanks and Linguistic Theory (Sozopol, 2002)
 - NLDB (Cottbus, 2003; Groningen 2012; Salford 2013)
 - PASCAL workshop Text Mining (Grenoble, 2004)
 - SEALTS (Edmonton, 2003)
 - ECML/PKDD workshop Knowledge Discovery and Ontologies (KDO-2004)
 - ECAI-2004 Workshop on Ontology Learning and Population (Valencia, 2004)
 - Psycho-computational Models of Human Language Acquisition (Geneva, 2004; Ann Arbor, 2005)
 - Senseval-3 (Barcelona, 2004); Semeval (Prague, 2007)
 - International and Interdisciplinary Conference on Adaptive Knowledge Representation and Reasoning (Espoo, Finland, 2005)
 - Australasian Language Technology Workshop (Sydney, Australia, 2005)
 - EBMT workshop (Phuket, 2005)

- LLL Learning Language in Logic workshop and challenge (Bonn, Germany, 2005)
- Effective tools and methods for teaching and learning computational linguistics and NLP (Ann Arbor, USA, 2005)
- AAAI workshop on Computational Aesthetics: Artificial Intelligence Approaches to Beauty and Happiness (Boston, 2006)
- ATEM 2006 (Trento, Italy, 2006)
- International Computer Science Symposium in Russia (St-Petersburg, Russia, 2006)
- EACL workshop Learning Structured Information in Natural Language Applications (Trento, Italy, 2006)
- FINTAL 5th International Conference on Natural Language Processing (Turku, 2006)
- International workshop on Intelligent Information Access (Helsinki, Finland, 2006)
- Linguistic Distances workshop (Sydney, 2006)
- COLING-ACL workshop on Relation Extraction Beyond the Document (Sydney, 2006)
- TALN 2006 (Leuven, 2006)
- ACL demo and poster workshop (Prague, 2007)
- ACL Workshop on Cognitive Aspects of Computational Language Learning (Prague, 2007)
- 10th Congress of the Italian Association for Artificial Intelligence (Rome, Italy, 2007)
- ESSLLI workshop on Exemplar Based Models of Language Acquisition and Use (Dublin, 2007)
- 3rd Pascal Challenge Workshop (Warsaw, 2007)
- International Workshop on Advanced Searching On Voice, Video, and Speech Contents (Papeete, Tahiti, 2007)
- PASCAL Pronasyl challenge (2007)
- Workshop on High-level Information Extraction (Antwerp, 2008)
- E-Humanities – an emerging discipline (Indianapolis, 2008)
- GOTAL (Gothenburg, 2008)
- LREC workshop on Building and evaluating resources for biomedical text mining (Marrakesh, 2008)
- 19th Brazilian Symposium on Artificial Intelligence (Salvador, Brazil, 2008, 2010)
- Italian Association for Artificial Intelligence (AI*IA) (Reggio Emilia, 2009)
- Computational Linguistic Aspects of Grammatical Inference (Athens, 2009)
- Workshop on Adaptation of Language Resources and Technology to New Domains (Borovets, 2009)
- Workshop on Semantic Evaluations: Recent Achievements and Future Directions (semeval) (Boulder, 2009).
- Workshop on Semi-supervised Learning for Natural Language Processing (Boulder, 2009)
- Workshop on Domain Adaptation (Uppsala, 2010)
- Dutch/Belgian Conference on Enterprise Information Systems (EIS) (Eindhoven, 2010)
- IceTAL 2010 - 7th International Conference on Natural Language Processing (Reykjavik, Iceland, 2010)
- Workshop on Negation and Speculation in Natural Language Processing (Uppsala, 2010)
- Workshop on Models of Scientific Discourse Annotation (Portland, 2011)
- Workshop on Mining Complex Entities from Network and Biomedical Data (MIND) (Athens, 2011)
- CLEF Conference and Labs of the Evaluation Forum (Rome, 2012; Valencia, 2013; Sheffield 2014)
- EACL 2012 Workshop on Computational Models of Language Acquisition and Loss (Cognitive 2012) (Avignon, 2012)
- ACL workshop on Detecting Structure of Scholarly Discourse (Jeju, Korea, 2012)
- ACL workshop on Extra-propositional aspects of meaning in computational linguistics (ExProM) (Jeju, Korea, 2012)
- 13th Ibero-American Conference on Artificial Intelligence, IBERAMIA 2012, Natural Language Processing track (Colombia, 2012)
- LREC workshop on Adaptation of Language Resources and Tools for Processing Cultural Heritage Objects (Istanbul, 2012).
- COLING workshop on Optimization Techniques for Human Language Technology (Bombay, 2012).

- Special session on Text Data Learning of the conference on Intelligent Data Engineering and Automated Learning (IDEAL2013) Hefei, Anhui, China, 2013.
- RANLP workshop on Adaptation of language resources and tools for closely related languages and language variants. (Adapt4CloseLang)’ (Bulgaria 2013)
- EACL Workshop on Computational Approaches to Causality in Language (Gothenburg, Sweden, 2014)
- ESSLLI Workshop on Computational, Cognitive, and Linguistic Approaches to the Analysis of Complex Words and Collocations (CCLCC 2014) (Tuebingen, 2014)
- 3rd Workshop on Linked Data in Linguistics: Multilingual Knowledge Resources and Natural Language Processing (Reykjavik, 2014)
- PolTAL 2014 (Warsaw, 2014)
- Statistical Language and Speech Processing (SLSP 2014) (Grenoble, France, 2014)
- Second Workshop on Computational Personality Recognition (Orlando, 2014)
- Language Technology for Closely Related Languages (LT4CloseLang) (Doha, 2014)
- CogACL: Cognitive Aspects of Computational Language Learning (Athens, Greece, 2009; Gothenburg, Sweden, 2014; Lisbon, 2015; Berlin 2016)
- IJCAI workshop on Replicability and reproducibility in Natural Language Processing: adaptive methods, resources and software (Buenos Aires, 2015)
- Future and Emerging Trends in Language Technology (Sevilla, 2015)
- 3rd International Workshop on Bibliometric-enhanced Information Retrieval (BIR2016) (Padova, 2016)
- Linguistic Society of Belgium 2016 (UCL, 2016; UAntwerpen, 2017)
- Workshop on Computational Approaches to Deception Detection (San Diego, 2016)
- Grammar and lexicon: interactions and interfaces (GRAMM&LEX) (Osaka, Japan, 2016)
- Text Analytics for Cybersecurity and Online Safety (TA-COS) (Portoros, 2016)
- Workshop on personality, opinion and emotion detection (PEOPLES) (Osaka, 2016)
- DHBenelux workshop (Utrecht, 2017)
- Ethics in NLP workshop (Valencia, 2017)
- Internet of Things and Machine Learning (Liverpool, 2017)
- Workshop on Stylistic Variation (Copenhagen, 2017)
- Women and Underrepresented Minorities in NLP Workshop (Vancouver, 2017)

Conference, Journal, Book Proposal Reviewing

- Conferences and workshops:
 - ECAI, European Conference on Artificial Intelligence (1992, 2010, 2012)
 - IJCAI, International Joint Conference on Artificial Intelligence (1993, 1995, 2005)
 - EACL European Association for Computational Linguistics (1989, 1991, 1995, 2003, 2006, 2009, 2014, 2017)
 - ACL Conference of the Association for Computational Linguistics (1999, 2001, 2002, 2003, 2005, 2007, 2008, 2011, 2012, 2013, 2015, 2016, 2017)
 - ANLP-NAACL (2000); NAACL-HLT (2012)
 - ICML International Conference on Machine Learning (Harvard, 2000; Williams College Mass. USA, 2001; Bonn, 2005; Montreal, 2009)
 - COLING (2000, 2002, 2004, 2012, 2016)
 - EMNLP Empirical Methods in Natural Language Processing (2004, 2005, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2015, 2016)
 - AIT, NAIC/AIT Dutch AI Conference (1989, 1990, 1995)
 - CLIN Computational Linguistics in the Netherlands proceedings (1991, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2001, 2002, 2004, 2005, 2006, 2007)
 - ICASSP (1997, 1998)
 - Interspeech (2005, 2006, 2007, 2010)
 - LIKE (1991)
 - Advances in Computer Chess Conference (1996)

- ACL Student Session (1996)
- Language and Cognition yearbook (1994)
- Groningen Assembly on Language Acquisition (1995)
- IWCS (1998)
- IJCNLP (2004, 2008)
- ACL-2000 Machine Learning and Statistical NLP for Dialogue theme session (2000)
- AMLAP, Architectures and Mechanisms for Language Acquisition and Processing (2000)
- ICCBR (2001)
- HLT Human Language Technologies (2001)
- ESSLLI student session (2005, 2006, 2011, 2012)
- IJNLP-ACL mentoring committee (2009)
- Cognitive Aspects of Computational Language Acquisition, Springer (2010)
- AMIA Annual Symposium (2011)
- WWW conference (International Conference on World Wide Web) (2012)
- Genre in Language, Discourse and Cognition (edited by Ninke Stukker et al.) (2014)
- Journals:
 - *ACM Transactions on Information and System Security (TISSEC)* (2014)
 - *ACM Transactions on Internet Technology (TOIT)* (2016)
 - *ACM Computing Surveys* (2016, 2017)
 - *Ampersand. An International Journal of General and Applied Linguistics* (2014)
 - *Artificial Intelligence Communications* (1997)
 - *Artificial Intelligence Journal* (2003)
 - *Artificial Intelligence Review* (1995)
 - *BMC Bioinformatics* (2011)
 - *CLIN Journal* (2012, 2013; 2014; 2016; 2017)
 - *Cognitive Systems Research* (2004)
 - *Computational Cognitive Science* (2015, twice; 2016)
 - *Computational Linguistics Journal* (1992, 1998, 2006, 2007, 2008; 2011; 2012; 2013; 2014; 2017); Special Issue on Anaphora and Ellipsis Resolution (2000)
 - *Computers and the Humanities* (2002, 2005)
 - *Computer Speech and Language* (2004, twice; 2005; 2006; 2007)
 - *Data and Knowledge Engineering* (2008, 2009)
 - *Data Mining and Knowledge Discovery journal* (2007)
 - *Digital Humanities Quarterly* (2016)
 - *Special Issue Workflow Mining C&I* (2003)
 - *IEEE Transactions on Speech and Audio Processing* (2005)
 - *Information and Management* (2003)
 - *Information Processing and Management* (2004)
 - *Information Processing Letters* (2011)
 - *International Journal of Lexicography* (2004, 2006, 2009)
 - *International Journal Speech Technology* (2002)
 - *International Journal of Web Engineering and Technology* (2011)
 - *Himalayan Linguistics* (2017)
 - *Journal of Applied Artificial Intelligence* (2009)
 - *Journal of Artificial Intelligence Research* (2015)
 - *Journal of Cognitive Science* (2015)
 - *Journal of Natural Language Engineering* (2003, 2005, 2007, 2008, 2011 three times and special issue, 2015 twice, 2017)
 - *Journal of Pragmatics* (1997)

- *Journal of Semantics* (2005)
- *Knowledge Based Systems* (2017)
- *Language Acquisition: A Journal of Developmental Linguistics* (2010)
- *Language Resources and Evaluation journal* (2006, 2008 three times, 2009, 2010, 2012, 2013, 2015 twice)
- *Literary and Linguistic Computing, Journal of Digital Scholarship in the Humanities*, (2011 twice, 2012 twice, 2013, 2014 twice; 2015 three times; 2016 twice; 2017)
- *Lingua* (2003, 2004)
- *Linguistica Antwerpiensia New Series* (2017)
- *Machine Learning Journal* (1998, 1999 twice, 2005, 2006); Special Issue ML in Speech and Language Technologies (2003)
- *Machine Translation journal* (2006)
- *MIS Quarterly, special issue on Transformational Issues of Big Data and Analytics in Networked Business* (2014)
- *Speech Communication* (2007; 2013)
- *Science* (2009)
- *Software: Practice and Experience* (2010)
- *TAL journal* (2009, 2011)
- *Tijdschrift voor Taalbeheersing* (2017)
- *Transactions on Asian Language Information Processing* (2008)
- *Transactions of the ACL* (2012, 2013, 2014 (3 times), 2016 (3 times), 2017 (3 times))
- *Transactions on Information and System Security* (2014)
- *Written Language and Literacy* (2016)
- *Yearbook of Morphology* (1998)
- Publishers (book proposals):
 - *Butterworth-Heinemann Publishers* (1993)
 - *Kluwer Academic Publishers* (1997, 2004)
 - *Blackwell Publishers* (Journal review, 2000)
 - *Cambridge University Press* (2008; 2014; 2015)
 - *Mouton Publishers* (2011)

Project (Proposal) Reviewing

- IWOIB Brussels R&D project evaluation panel (2006, 2008, 2010).
- Project reviewer for EC 5th framework HLT-IST projects. Luxemburg, 2003 (Deep Thought, Ermis, DOT.KOM); Pisa 2004 (Deep Thought); Athens 2005 (Ermis). Project reviewer for 6th framework IST project X-Media: Luxemburg, 2007; Athens 2007; St. Goar, 2008; Sheffield, 2009; Koblenz, 2010. FET-open evaluation panel, Brussels, 2008, 2010, 2011, 2012, 2015. ERC Starting Grant reviewer (2011, 2016). FET Prosecco review (2014, 2015). ERC consolidator grant reviewer (2014, 2015). FET Coinvent review (2014, 2016). Marie Skłodowska-Curie Individual Fellowships (2017)
- NWO: NWO-ST (Linguistics) (1990); NWO-SION (Computer Science) (1992); NWO-TSL (Language, Speech, and Logic) member evaluation committee research proposals (1994); NWO-TSL VNC project (1996); NWO TSL project (1996, 1998); NWO-NCF project (1996); NWO GG visitor grant (1998); NWO GW project (1999); NWO Mathematics, Computer Science, Physics and Astronomy proposals (2000); NWO Physical Sciences research proposal (2002); NWO Vernieuwingsimpuls proposal (2002); NWO European Young Investigators Award Scheme (2005); NWO project (2006); NWO VICI projects (2006); NWO VENI projects (2008); NWO project (2008, 2009); NWO Humanities council (2011); NWO Natural Artificial Intelligence programme (chairman, 2014).
- Scientific Advisor IWONL/IRSI, (Belgium) on Natural Language Processing projects, 1987–88. Member “HOBUCollege” (2001). PhD proposal evaluation panel humanities and social sciences (2009). Scientific Advisor IWT (Belgium) on Natural Language processing projects, 1998, 1999 (twice), 2000, 2005, 2007 (twice), 2010, 2013, 2014. Baekeland programme (2013, 2014). Doctoral grants (2014). Industrial R&D (2014)
- NICI (1992)
- ProGamma (1993)

- NFWO (1993, 1994)
- SNN-Foundation for Neural Networks (1995, 1996); SNN-STW neural network proposals jury (2000)
- KNAW fellow project (1999, 2001); KNAW postdoc programme (2007)
- Token2000 (2001)
- Irish Science Foundation (SFI) Investigator programme proposal (2002, 2005)
- VUB GOA proposal (2002)
- European Science Foundation (ESF) Exploratory Workshops (2003, 2005)
- ESF Pool of reviewers (May 2008 – April 2012)
- STW proposals (2003)
- The Agency for Science, Technology and Research (A*STAR) Biomedical Research Council (BMRC), Singapore (2004)
- BSF (United States-Israel Binational Science Foundation, 2005)
- ICREA (Catalan Institution for Research and Advance Studies) (2005, 2006)
- Swiss National Science Foundation (2005, 2010, 2015)
- PASCAL challenges proposal reviewing (2005, 2006, 2008, 2009, 2010, 2011)
- Hogeschool Antwerpen (2006)
- Hogeschool Gent (2006)
- US NSF proposals (2006, 2009)
- South Africa NRF proposals, researcher rating (2007, 2009, 2010, 2016)
- Member SPINOZA selection committee (NWO, The Netherlands), 2008–2011
- CLARIN (2009)
- Austrian Research Fund (FWF), (2010, 2011, 2015)
- French National Research Agency (ANR) evaluation committee, 2011
- Natural Sciences and Engineering Research Council of Canada (NSERC) , 2011
- DFG, Germany, Excellence Initiative panel member, Berlin, 2012.
- The Research Council of Norway, Independent Projects in the humanities (FRIHUM) review panel, Oslo, 2012
- Leverhulme Trust (UK) (2014)
- NIAS-Lorentz (2015)
- CLARIAH Call for Research Pilots (2016)
- Tilburg center for Cognition and Communication (TiCC) PhD Proposal evaluation (2016)
- Radboud University Language in Interaction utilization call review panel (2016)

Popularization (from 2015)

- Promotor of the University of Antwerp Honorary Doctorate awarded to Eduard Hovy (organisation master class, promotion video). (2015).
- Interviews to *EOS* (article on text mining) and to *Gazet van Antwerpen*, articles about stylometry research in *De Tijd*, and *Gazet van Antwerpen*. (2015).
- Interviews and research mentions in UA Magazine, Knack, DWARS, ZDNet. (2016).
- Media campaigns for CLiPS spin-off Textgain (GvA, Nieuwsblad, VRT, Laatste Nieuws, De Morgen, Belga, Radio 2, etc.) and AMiCA project (Belga, ATV, GvA, etc.) (2016).
- Interviews in Knack (Machine Translation); Computable (Textgain); De Morgen (Replika); HRMagazine (Seedlink, profiling); Magazine Universiteit Antwerpen (Digital Humanities); Magazine Universiteit Antwerpen (AMiCA project); EOSwetenschap.eu (Textgain, Language and AI) (2017).

University Management

Current roles at University of Antwerp:

- Member ICT consultation committee (from 2010)
- Vice chairman and member of management Board of the Department Council (from 2015)
- Member Research Council University of Antwerp (from 2016)
- Member Faculty Council (from 2016)
- Member Faculty Evaluation Committee Design Sciences (from 2016)

Main previous university management offices:

- Chairman (werkverbandsvoorzitter) computational linguistics department Tilburg University (1997–1998).
- Acting chairman (waarnemend sectiehoofd) computational linguistics department Tilburg University (1998–1999).
- Section Head (vakgroepvoorzitter) Linguistics (department Germanic Philology, University of Antwerp), October 2001–October 2003.
- Department Head (department of Linguistics, University of Antwerp), October 2003–November 2004; Member management board (Lid dagelijks bestuur) November 2004–2009
- Member selection committees Faculty of Sciences and Faculty of Language and Literature.
- Member research evaluation committee IV (2014-2016), incidental member of the IOF fund committee (2013, 2015).
- Member disciplinary committee academic staff (2009-2016)
- Member teaching environments working group (2014-2016)

Publications

1. Daelemans, Walter *Structuur en Functie*. (Structure and Function) Master's thesis, department of linguistics, K.U.Leuven, 1982.
2. Daelemans, Walter *De Evaluatie van Synesthetische Metaforen*. (The Evaluation of Synesthetic Metaphor), Thesis, department of Psychology, K.U.Leuven, 1983.
3. Daelemans, Walter, Dik Bakker, and Henk Schotel. 'Automatische detectie en correctie van spelfouten.' (Automatic Detection and Correction of Spelling Errors) *Informatie* 26 (12), 952-956, 1984. (Also published as Internal Report 84FU10, Psychology, University of Nijmegen.)
4. Pijls, Fieny, Walter Daelemans and Gerard Kempen. 'Artificial Intelligence Tools for Grammar and Spelling Instruction.' *Instructional Science*, 16, 319-336, 1987. (Also in Proceedings Second International Conference and Exhibition on Children in the Information Age, Sofia, Vol. 2, 166-185, 1987).
5. Daelemans, Walter 'A Tool for the Automatic Creation, Extension and Updating of Lexical Knowledge Bases.' *Proceedings of the Third ACL European Chapter Conference*, ACL, Copenhagen, 70-74, 1987.
6. Anbeek, Gert and Walter Daelemans. 'Text processors with Linguistic Knowledge.' In: J.J.H. Miller (ed.) *PROTEXT IV*, 79-85, Dublin: Boole Press Limited, 1987.
7. Van Marcke, Kris, Viviane Jonckers and Walter Daelemans. 'Representation Aspects of Knowledge-Based Office Systems.' In: Commission EC (ed.) *ESPRIT '87: Achievements and Impact*. Part 2, 1226-1238, Amsterdam: North-Holland, 1987.
8. Daelemans, Walter 'Taaltechnologie: Toepassingen en Problemen.' (Language Technology: Applications and Problems) Internal Note 87-4, AI-LAB, Brussels, 1987.
9. Daelemans, Walter *Studies in Language Technology: An Object-Oriented Computer Model of Morphophonological Aspects of Dutch*. Doctoral Dissertation, University of Leuven, 249 pages, 1987. (Preliminary versions of chapters appeared in ESPRIT Project 82, Deliverable D2/R4, Intelligent Work Station, March, 1986).
10. Daelemans, Walter 'A Model of Dutch Morphophonology and its Applications.' *AI Communications*, Volume 1 number 2, 18-25, 1988. (Also appeared as AI-MEMO 88-8, AI-LAB Brussels.)
11. Daelemans, Walter 'Toepassingen van een objectgericht computermodel van de Nederlandse Morfofonologie.' (Applications of an object-oriented computer model of Dutch Morphophonology). *Proceedings NAIC-88*, Amsterdam, 81-92, 1988. (Best paper award).
12. Daelemans, Walter 'GRAFON: A Grapheme-to-phoneme conversion system for Dutch.' *Proceedings Twelfth International Conference on Computational Linguistics (COLING-88)*, Budapest, 133-138, 1988. (Extended version published as AI-MEMO 88-5, AI-LAB Brussels).
13. Daelemans, Walter 'Learning heuristic diagnostic rules in an intelligent tutoring system.' *Proceedings Third International Symposium on Knowledge Engineering*, Madrid, 183-190, 1988. (Also published as AI-MEMO 88-20, AI-LAB Brussels).
14. Daelemans, Walter 'Automatische Morfologische Analyse.' (Automatic Morphological Parsing) *Informatie*, 31 (4), 261-270, 1989.
15. Daelemans, Walter 'Automatic Hyphenation: Linguistics versus Engineering.' In: Frans J. Heyvaert and Frieda Steurs (eds.), *Worlds behind Words*, Leuven: Leuven University Press, 347-364, 1989.
16. Daelemans, Walter 'TDTDT onderwijst spellen.' (TDTDT teaches spelling). In: Fieny Pijls and Jacobijn Sandberg (eds.) *De computer als expert en didacticus*. (The computer as expert and pedagogue), Muiderberg: Coutinho, 16-27, 1989.
17. Daelemans, Walter 'Object-oriented Hierarchical Lexicons.' *Informal proceedings IJCAI'89 Workshop on Object-oriented Programming in AI*, Detroit, USA, 1989.
18. Daelemans, Walter and Gerald Gazdar (eds.) *Inheritance in Natural Language Processing*. Tilburg: ITK, ITK Proceedings 90/1, 120 pages, ISBN: 90-74029-03-5, 1990.
19. Daelemans, Walter 'TDTDT en Spelraam.' In: Borgers, O., F. Daems, P. Reynders (eds.) *Computers en Onderwijs* 1990, Antwerpen: CBL-UIA, 119-124, 1990.
20. Daelemans, Walter 'Inheritance in Object-oriented Natural Language Processing.' In: Daelemans, Walter and Gerald Gazdar (eds.) *Inheritance in Natural Language Processing*, Tilburg: ITK, ITK Proceedings 90/1, 30-38, 1990.
21. Daelemans, Walter 'An Object-Oriented Linguistic Toolbox.' In: Don Ross and Dan Brink (eds.) *Making Connections*. Handbook of the International Joint Conference of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing, Tempe: Arizona State University, 89-93, 1991.
22. Daelemans, Walter and David Powers (eds.) *Background and Experiments in Machine Learning of Natural Language*. Tilburg: ITK, ITK Proceedings 92/1, 282 pages, ISBN: 90-74029-02-7, 1992.

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1988

1989

1990

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1992

23. Daelemans, Walter and Gerald Gazdar (guest eds.) *Computational Linguistics Special Issue on Inheritance in Natural Language Processing*. 18 (2) and 18 (3), 133-337, MIT Press, ISSN 0891-2017, 1992.
24. Daelemans, Walter, Koenraad De Smedt, and Gerald Gazdar. 'Inheritance in Natural Language Processing.' *Computational Linguistics* 18 (2), 205-218, 1992.
25. Daelemans, Walter and Antal van den Bosch. 'A Neural Network for Hyphenation.' In: I. Aleksander and J. Taylor (eds.) *Artificial Neural Networks II: Proceedings of the International Conference on Artificial Neural Networks*., Elsevier Science Publishers, 1647-1650, 1992.
26. Daelemans, Walter 'Biologische Metaforen in Natuurlijke Taal Verwerking.' (Biological Metaphors in Natural Language Processing), In: T. Venckeleer en W. Verbeke (Red.) *Cultuurwetenschappen in Beweging 1980-1990*. Leuven: Vlaamse Vereniging Cultuurwetenschappen, (Distributie Kapellen: Uitgeverij Pelckmans), 117-137, 1992.
27. Powers, David and Walter Daelemans. 'SHOE: The Extraction of Hierarchical Structure for Machine Learning of Natural Language: Project Summary.' In: Daelemans, Walter and David Powers (eds.) *Background and Experiments in Machine Learning of Natural Language*, 125-160, 1992. (Also available as ITK Research Memo 10, 1-36, 1991).
28. Van den Bosch, Antal and Walter Daelemans. Linguistic Pattern Matching Capabilities of Connectionist Networks. In: Jan van Eijck and Wilfried Meyer Viol (Eds.) *Computational Linguistics in the Netherlands. Papers from the Second CLIN-meeting 1991*. Utrecht: OTS, 40-53, 1992. (Also in: Daelemans, Walter and David Powers (Eds.) *Background and Experiments in Machine Learning of Natural Language*, 183-196, 1992).
29. Daelemans, Walter and Erik-Jan van der Linden. Evaluation of Lexical Representation Formalisms. In: Jan van Eijck and Wilfried Meyer Viol (Eds.) *Computational Linguistics in the Netherlands. Papers from the Second CLIN-meeting 1991*, Utrecht: OTS, 54-67, 1992. (Also appeared as ITK Research Memo 14, 1-14, 1992, Tilburg: ITK).
30. Daelemans, Walter and Antal van den Bosch. 'Generalization Performance of Backpropagation Learning on a Syllabification Task.' In: M.F.J. Drossaers and A. Nijholt (eds.) *Connectionism and Natural Language Processing*. Proceedings Third Twente Workshop on Language Technology, 27-38, 1992.
31. Daelemans, Walter 'An Environment for Learning to Program AI Formalisms.' In: *Proceedings NATO Advanced Research Workshop on Cognitive Models and Intelligent Environments for Learning Programming*, Genova, Instituto per la Matematica Applicata del C.N.R., 269-272, 1992.
32. Gillis, Steven, Gert Durieux, Walter Daelemans, and Antal van den Bosch. *Exploring Artificial Learning Algorithms: Learning to Stress Dutch Simplex Words*. Antwerp Papers in Linguistics (APIL) 71, 89 pages, 1992.
33. Daelemans, Walter and Antal van den Bosch. 'De voorleesmachine' *Samsom Informatica Nieuwsbrief*, 2 (9), 10-15, 1992.
34. Van den Bosch, Antal and Walter Daelemans, 'Data-oriented methods for grapheme-to-phoneme conversion.' Proceedings of the Sixth conference of the European chapter of the ACL, ACL, 45-53, 1993. (Also available as ITK Research Report 42, 1993, Tilburg: ITK; and in: Sijtsma & Zweekhorst (eds.) *Computational Linguistics in the Netherlands. Papers from the third CLIN-meeting 1992*, Tilburg: ITK, 13-26, 1993).
35. Gillis, Steven, Walter Daelemans, Gert Durieux, Antal van den Bosch. 'Learnability and Markedness: Dutch Stress Assignment.' In: *Proceedings of the Fifteenth Annual Conference of the Cognitive Science Society*, Boulder Colorado, USA, Hillsdale: Lawrence Erlbaum Associates, 452-457, 1993. (Also in: Sijtsma & Zweekhorst (eds.) *Computational Linguistics in the Netherlands. Papers from the third CLIN-meeting 1992*, Tilburg: ITK, 39-48, 1993).
36. Daelemans, Walter and Antal van den Bosch. 'TABTALK: Reusability in Data-oriented grapheme-to-phoneme conversion.' *Proceedings of Eurospeech*, Berlin, 1459-1466, 1993.
37. Daelemans, Walter, Steven Gillis, and Gert Durieux, 'Machine Learning of Natural Language: An Empiricist Alternative to Nativist Theory.' In: *Proceedings of Benelearn 1993*, AI-LAB Brussels, 1993.
38. Daelemans, Walter, Steven Gillis, Gert Durieux, Antal van den Bosch. 'Learnability and Markedness in Data-Driven Acquisition of Stress.' In: T. Mark Ellison & James M. Scobbie (eds) *Computational Phonology*. Edinburgh Working Papers in Cognitive Science 8, 1993, 157-178. (Also available as ITK Research Report 43, 1-32, 1993, Tilburg).
39. Daelemans, Walter, Antal van den Bosch, Steven Gillis and Gert Durieux, 'A Data-Driven Approach to Stress Acquisition.' In: Pieter Adriaans (ed.) *Workshop Notes Machine Learning Techniques and Text Analysis*, 15-24, Vienna, 1993.
40. Daelemans, Walter, Steven Gillis, Antal van den Bosch, and Gert Durieux. 'Learning Linguistic Mappings: An Instance-Based Learning Approach.' In: *Conference Abstracts of the ACH-ALLC 1993 International Joint Conference*, Georgetown University Washington, DC, USA, 38-40, 1993.
41. Daelemans, Walter, Steven Gillis and Gert Durieux. 'The Acquisition of Stress, a data-oriented approach.' *Computational Linguistics* 20 (3), 421-451, 1994.

1993

1994

42. Daelemans, Walter Review of 'Inheritance, Defaults, and the Lexicon (Briscoe, de Paiva, Copestake eds.)', *Computational Linguistics* 20 (4), 661-664, 1994.
43. Daelemans, Walter and Koenraad De Smedt. 'Inheritance in an Object-Oriented Representation of Linguistic Categories.' *International Journal Human-Computer Studies*, 41, 149-177, 1994.
44. Van den Bosch, Antal, Alain Content, Walter Daelemans, and Bea De Gelder. 'Measuring the Complexity of Writing Systems.' *Journal of Quantitative Linguistics*, 1, 3, 178-188, 1994.
45. Gillis, Steven, Walter Daelemans, Gert Durieux. 'Are Children Lazy Learners? A comparison of natural and machine learning of stress.' In: Ram, A. and Eiselt, K. (eds.) *Proceedings of the Sixteenth Annual Conference of the Cognitive Science Society*, Georgia Institute of Technology, Atlanta, USA, Hillsdale: Lawrence Erlbaum Associates, 369-374, 1994.
46. Daelemans, Walter, Steven Gillis and Gert Durieux. 'Skousen's analogical modeling algorithm: a comparison with lazy learning.' In: Jones, D. (ed.) *Proceedings of the International Conference on New Methods in Language Processing (NeMLaP)*, UMIST: Manchester, 1-7, 1994.
47. Daelemans, Walter and Antal van den Bosch. 'A language-independent, data-oriented architecture for grapheme-to-phoneme conversion.' In: *Proceedings of the ESCA-IEEE conference on Speech Synthesis*, New York, 199-203, 1994.
48. Bosch, Antal van den, A. Content, Walter Daelemans, and Bea De Gelder. 'Analysing Orthographic Depth of Different Languages using Data-oriented Algorithms'. In: *Proceedings Second International Conference on Quantitative Linguistics (Qualico-94)*, Moscow State University, 26-31, 1994.
49. Daelemans, Walter, Steven Gillis, Gert Durieux. 'Skousen's Analogical Modeling Algorithm' in: Bioch, J.C. and S.H. Nienhuys-Cheng (eds.) *Proceedings of the 4th Belgian-Dutch Conference on Machine Learning*, Rotterdam, Report EUR-CS-94-05, 302-310, 1994.
50. Gent, Joop van and Walter Daelemans. 'Automatisch indexeren met gestandaardiseerde thesauri.' in: H.J. Croll en J.R. Creutzberg (ed.) *Proceedings 3e Dag van het Document*, De Reehorst, Ede, 19-29, 1994.
51. Daelemans, Walter 'Zelflerende Systemen voor Spraaksynthese.' In: *Document Management*, Samsom nieuwsbrief voor documentaire informatiekunde, 3 (1), 5-8, 1994.
52. Daelemans, Walter 'Memory-Based Lexical Acquisition and Processing.' In: P. Steffens (ed.) *Machine Translation and the Lexicon*, Berlin: Springer Lecture Notes in Artificial Intelligence 898, 85-98, 1995. (Also available as ITK Research Report 49, 1-18, 1994).
53. Gillis, Steven, Walter Daelemans and Koenraad De Smedt. 'Artificial Intelligence.' In Östman, J., Verschueren, J., and Blommaert, J. (eds.) *Handbook of Pragmatics*. Amsterdam, Philadelphia: John Benjamins Publishing, 61-80, 1995.
54. Gillis, Steven, Gert Durieux, Walter Daelemans. 'A Computational Model of P&P: Dresher and Kaye (1990) revisited.', M. Verrips & F. Wijnen (eds.) *Approaches to Parameter Setting*. Amsterdam Studies in Child Language Development, vol 4, 135-173, 1995.
55. Van den Bosch, Antal, Ton Weijters, Jaap van den Herik and Walter Daelemans. 'The profit of learning exceptions.' In: *Proceedings of the 5th Belgian-Dutch Conference on Machine Learning*, BENELEARN'95, ULB, Brussels. Technical Report TR/IRIDIA/95-16, 118-126, 1995.
56. Daelemans, Walter, Peter Berck, and Steven Gillis. 'Linguistics as Data Mining: Dutch Diminutives', in Andernach, T., M. Moll, and A. Nijholt (eds). *CLIN V, Papers from the Fifth CLIN Meeting*, 59-72, 1995.
57. Durieux, Gert, Walter Daelemans, and Steven Gillis (eds.) *CLIN VI. Papers from the Sixth CLIN Meeting*. Antwerpen: CNTS, 248 pages, ISBN 90-5728-006-X, 1996.
58. Daelemans, Walter 'Erasmus Network on Natural Language Processing.' *T.A.L. traitement automatique des langues* 37, 1, 87-91, 1996.
59. Daelemans, Walter and Koenraad De Smedt. 'Artificial Intelligence Models of Language Processing'. In: T. Dijkstra and K. De Smedt (eds.) *Computational Psycholinguistics: AI and Connectionist models of human language processing*. London: Taylor & Francis, 24-48, 1996.
60. Gillis, Steven, Gert Durieux, and Walter Daelemans. 'How to Set parameters: Analysis of a Learning Theory.' In: Charlotte Koster and Frank Wijnen (eds.) *Proceedings of the Groningen Assembly on Language Acquisition*. Groningen: Center for Language and Cognition, 217-226, 1996.
61. Daelemans, Walter, Jakub Zavrel, Peter Berck, Steven Gillis. 'MBT: A Memory-Based Part of Speech Tagger-Generator'. In: E. Ejerhed and I. Dagan (eds.) *Proceedings of the Fourth Workshop on Very Large Corpora*, Copenhagen, Denmark, 14-27, 1996.
62. Daelemans, Walter, Peter Berck, Steven Gillis. 'Unsupervised Discovery of Phonological Categories through Supervised Learning of Morphological Rules.' *Proceedings of the 16th International Conference on Computational Linguistics (COLING-96)*, Copenhagen, Denmark, 95-100, 1996.
63. Van den Bosch, Antal, Walter Daelemans, Ton Weijters. 'Morphological Analysis as Classification: an Inductive-Learning Approach.' In: Oflazer, K. and H. Somers (eds.) *NeMLaP-2. Proceedings of the Second International Conference on New Methods in Language Processing*, Ankara, Turkey, 79-89, 1996.

1995

1996

64. Daelemans, Walter ‘Abstraction Considered Harmful: Lazy Learning of Language Processing.’ In: van den Herik, J. and T. Weijters (eds.) *Benelearn-96. Proceedings of the 6th Belgian-Dutch Conference on Machine Learning*. MATRIKS: Maastricht, The Netherlands, 3–12, 1996.
65. Daelemans, Walter, Jakub Zavrel, Peter Berck, and Steven Gillis. ‘Memory-Based Part of Speech Tagging.’ In: Durieux, G., Walter Daelemans, and Steven Gillis (eds.) *CLIN VI. Papers from the Sixth CLIN Meeting*. Antwerpen: CNTS, 41–62, 1996.
66. Bosch, Antal van den, Walter Daelemans, and Ton Weijters. ‘An Inductive Learning Approach to Morphological Analysis.’ In: Durieux, G., Walter Daelemans, and Steven Gillis (eds.) *CLIN VI. Papers from the Sixth CLIN Meeting*. Antwerpen: CNTS, 213–230, 1996.
67. Daelemans, Walter and Antal van den Bosch. ‘Language-Independent Data-Oriented Grapheme-to-Phoneme Conversion’ in: Jan P. H. van Santen, Richard W. Sproat, Joseph P. Olive, and Julia Hirschberg (Eds.) *Progress in Speech Synthesis.*, New York: Springer Verlag, 77–90, 1996.
68. Daelemans, Walter ‘Experience-driven language acquisition and processing.’ in: Tim van der Avoird & Mischa Corsius (Eds.) *Proceedings of the CLS opening Academic Year ’96 ’97*, 83–95, 1996.
69. Daelemans, Walter & Jakub Zavrel. ‘Part-of-Speech tagging of Dutch with MBT, a Memory-Based Tagger Generator.’ In: K. van der Meer (Ed.) *Informatiewetenschap 1996*, Delft: Werkgemeenschap Informatiewetenschap, 33–40, 1996.
70. Daelemans, Walter, Ton Weijters, and Antal van den Bosch (eds.) *ECML’97 Workshop Notes on Empirical Learning of Natural Language Processing Tasks*. Prague: Laboratory of Intelligent Systems, 146 pages, ISBN 80-7079-380-5, 1997.
71. Daelemans, Walter, Peter Flach, and Antal van den Bosch (eds.) *BENELEARN-97. Proceedings of the Seventh Belgian-Dutch Conference on Machine Learning*. Tilburg: Tilburg University, 146 pages, 1997.
72. Marcke, Kris Van, and Walter Daelemans (eds.) *NAIC97. proceedings Ninth Dutch Conference on Artificial Intelligence*. Antwerp: Bolesian, UIA, and NVKI, 518 pages, 1997.
73. Daelemans, Walter, Antal Van den Bosch, & Ton Weijters. ‘IGTree: Using Trees for Compression and Classification in Lazy Learning Algorithms.’ *Artificial Intelligence Review* 11, 407–423, 1997.
74. Daelemans, Walter, Peter Berck, & Steven Gillis. ‘Data Mining as a Method for Linguistic Analysis: Dutch Diminutives.’ *Folia Linguistica*, XXXI/1-2, 57-75, 1997.
75. Daelemans, Walter, Antal van den Bosch, and Ton Weijters. ‘Empirical Learning of Natural Language Processing Tasks.’ In: M. van Someren and G. Widmer (eds.) *Machine Learning: ECML-97, Lecture Notes in Artificial Intelligence 1224*, Berlin: Springer, 337–344, 1997.
76. Daelemans, Walter, Antal van den Bosch, and Jakub Zavrel. ‘A Feature-Relevance Heuristic for Indexing and Compressing Large Case Bases.’ In: M. van Someren and G. Widmer (eds.) *9th European Conference on Machine Learning – Poster Papers*. Prague: Laboratory of Intelligent Systems, 29–38, 1997.
77. Zavrel, Jakub and Walter Daelemans. ‘Memory-based Learning: Using Similarity for Smoothing.’ *Proceedings of the 35th Annual Meeting of the Association for Computational Linguistics and the 8th Conference of the European Chapter of the Association for Computational Linguistics*, Madrid, Spain: UNED, 436–443, 1997. [Also in: Daelemans, Walter, T. Weijters, and Antal van den Bosch (eds.) *ECML’97 Workshop Notes on Empirical Learning of Natural Language Processing Tasks*. Prague: Laboratory of Intelligent Systems, 71–84, 1997.]
78. Daelemans, Walter, Steven Gillis, and Gert Durieux. ‘Skousen’s Analogical Modeling Algorithm: A comparison with Lazy Learning.’ in: D. Jones and H. Somers (eds.) *New Methods in Language Processing.*, London: University College Press, 3–15, 1997.
79. Zavrel, Jakub, Walter Daelemans, and Jorn Veenstra. ‘Resolving PP attachment ambiguities with memory-based learning.’ In: Ellison, T.M. (Ed.) *Proceedings of CoNLL97: Computational Natural Language Learning*, Madrid, Spain: UNED, 136–144, 1997. [Also in: J. Landsbergen, J. Odijk, K. van Deemter, and G. Veldhuijzen van Zanten (eds.) *Computational Linguistics in the Netherlands 1996. papers from the Seventh CLIN meeting*. Eindhoven: IPO, 207–221, 1997].
80. Van den Bosch, Antal, Ton Weijters, Jaap van den Herik, and Walter Daelemans. ‘When small disjuncts abound, try lazy learning: a case study.’ In: Daelemans, Walter, Flach, P. and Antal van den Bosch (eds.) *BENELEARN-97. proceedings of the Seventh Belgian-Dutch Conference on Machine Learning.*, 109–118, 1997.
81. Daelemans, Walter ‘Corpusgebaseerde automatische grafeem-foneemomzetting in Fonilex.’ (Corpus-based automatic phonemisation). In: Fonilex Consortium (eds.), *Fonilex, een uitspraaklexicon voor het Nederlands in Vlaanderen* (Fonilex, a pronunciation lexicon for the Dutch spoken in Flanders), 1–4, 1997.
82. Daelemans, Walter ‘Exemplar-based Language Acquisition and Processing.’ In: *Fifth International Cognitive Linguistics Conference.*, 263–264, 1997.
83. Daelemans, Walter, Gert Durieux, and Antal van den Bosch. ‘Toward Inductive Lexicons: a Case Study.’ In: P. Velardi (ed.) *Proceedings LREC Workshop on Adapting Lexical and Corpus Resources to Sublanguages and Applications*, Granada, Spain, 29–35, 1998.

1997

1998

84. Daelemans, Walter, Antal van den Bosch, Jakub Zavrel, Jorn Veenstra, Sabine Buchholz, and Bertjan Busser. 'Rapid development of NLP modules with memory-based learning.' *Proceedings of ELSNET in Wonderland*, Utrecht: ELSNET, 105-113, 1998. [Also in R. Basili and M.T. Pazienza (Eds.), ECML-98 TANLPS Workshop Notes, Technische Universität Chemnitz, 1-17, 1998.]
85. Daelemans, Walter, Jakub Zavrel, Ko van der Sloot, Antal van den Bosch. 'TiMBL: Tilburg Memory Based Learner, version 1.0, Reference Guide.' ILK Technical Report 98-03, 37 pages and software, 1998.
86. Bosch, Antal van den, Ton Weijters, Walter Daelemans. 'Modularity in inductively-learned word pronunciation systems.' In: D.M.W. Powers (Ed.), *Proceedings of NeMLaP3/CoNLL98*, Sydney, Australia, 185-194, 1998.
87. Bosch, Antal van den, Walter Daelemans. 'Do not forget: Full memory in memory-based learning of word pronunciation.' In: D.M.W. Powers (Ed.), *Proceedings of NeMLaP3/CoNLL98*, Sydney, Australia, 195-204, 1998.
88. Halteren, Hans van, Jakub Zavrel, Walter Daelemans. 'Improving Data Driven Wordclass Tagging by System Combination.' *Proceedings of the 36th annual meeting of the Association for Computational Linguistics and the 17th international conference on Computational Linguistics*, Montreal, Canada, 491-497, 1998.
89. Daelemans, Walter 'Toward an exemplar-based computational model for cognitive grammar.' in Johan van der Auwera, Frank Durieux, and Ludo Lejeune (eds.) *English as a Human Language. To honour Louis Goossens*. München: LINCUM Europa, 73-82, 1998.
90. Daelemans, Walter, Jakub Zavrel, K. van der Sloot, Antal van den Bosch. 'TiMBL: Tilburg Memory Based Learner, version 2.0, Reference Guide.' ILK Technical Report 99-01, 48 pages and software, 1999.
91. Daelemans, Walter, Jakub Zavrel, Antal van den Bosch. 'Forgetting exceptions is harmful in language learning'. *Machine Learning* 34, 11-41, 1999.
92. Zavrel, Jakub and Walter Daelemans. 'Recent Advances in Memory-Based Part-of-Speech Tagging.', Cuba. VI Simposio Internacional de Comunicacion Social, Santiago de Cuba, 590-597, 1999.
93. Daelemans, Walter, Sabine Buchholz, Jorn Veenstra. 'Memory-Based Shallow Parsing.' In: M. Osborne & E. Tjong Kim Sang (eds.) *Proceedings of CoNLL-99. Computational Natural Language Learning.*, Bergen, Norway, 53-60, 1999.
94. Buchholz, Sabine, Jorn Veenstra, Walter Daelemans. 'Cascaded Grammatical Relation Assignment.' *Proceedings of EMNLP/VLC-99*, University of Maryland, USA, 239-246, 1999.
95. Bosch, Antal van den, Walter Daelemans. 'Memory-based morphological analysis'. *Proceedings of the 37th Annual Meeting of the Association for Computational Linguistics*, University of Maryland, USA, 285-292, 1999.
96. Daelemans, Walter (guest ed.) *Memory-Based Language Processing*. Special Issue of *Journal of Experimental and Theoretical Artificial Intelligence* 11 (3), 287-467, 1999.
97. Daelemans, Walter 'Memory-based language processing. Introduction.' *Journal of Experimental and Theoretical Artificial Intelligence* 11 (3), 287-292, 1999.
98. Daelemans, Walter 'Machine Learning Approaches.' Chapter 17 in: Van Halteren (ed.) *Syntactic Wordclass Tagging*, Kluwer Academic Publishers, 285-304, 1999.
99. Busser, Bertjan, Walter Daelemans, Antal van den Bosch. 'Machine learning of word pronunciation: the case against abstraction' In *Proceedings of the Sixth European Conference on Speech Communication and Technology, Eurospeech99*, Budapest, Hungary, 2123-2126, 1999.
100. Durieux, Gert, Walter Daelemans, Steven Gillis, 'On the arbitrariness of lexical categories.' In: F. Van Eynde, I. Schuurman, N. Schelkens (eds.) *Computational Linguistics in the Netherlands 1998*, Amsterdam-Atlanta: Rodopi, 19-36, 1999.
101. Veenstra, Jorn, Antal van den Bosch, Sabine Buchholz, Walter Daelemans, Jakub Zavrel, 'Memory-Based Word Sense Disambiguation.' In: F. Van Eynde, I. Schuurman, N. Schelkens (eds.) *Computational Linguistics in the Netherlands 1998*, Amsterdam-Atlanta: Rodopi, 81-92, 1999.
102. Daelemans, Walter, Jakub Zavrel, Ko van der Sloot, and Antal van den Bosch. 'TiMBL: Tilburg Memory Based Learner, version 3.0, Reference Guide.' ILK Technical Report 00-01, 2000.
103. Bosch, Antal van den, and Walter Daelemans. 'A Distributed, Yet Symbolic Model of Text-to-Speech Processing.' In: P. Broeder and J.M.J. Murre (Eds.), *Models of Language Acquisition: inductive and deductive approaches*. Oxford University Press, 55-75, 2000.
104. Gillis, Steven, Walter Daelemans, and Gert Durieux. 'Lazy Learning: A comparison of Natural and Machine Learning of Stress.' In: P. Broeder and J.M.J. Murre (Eds.), *Models of Language Acquisition: inductive and deductive approaches*. Oxford University Press, 76-99, 2000.
105. De Pauw, Guy and Walter Daelemans. 'A short introduction to GRAEL Grammar Adaptation, Evolution and Learning.' In: Desalles & Ghadakpour (Eds.), *Proceedings The evolution of Language*, 72-76, 2000.
106. Daelemans, Walter and Gert Durieux. 'Inductive Lexica.' In: Van Eynde & Gibbon (eds.) *Lexicon Development for Speech and Language Processing*, Kluwer Academic Publishers, 115-139, 2000.

1999

2000

107. Veenstra, Jorn, Antal van den Bosch, Sabine Buchholz, Walter Daelemans, Jakub Zavrel. ‘Memory-based word sense disambiguation’. *Computing in the Humanities* 34 (1/2): 171–177, 2000.
108. Zavrel, Jakub and Walter Daelemans. ‘Bootstrapping a Tagged Corpus through Combination of Existing Heterogeneous Taggers.’ *Proceedings of the Second International Conference on Language Resources and Evaluation (LREC-2000)*, Athens, Greece: ELRA, 17–20, 2000.
109. Van Eynde, Frank, Jakub Zavrel, and Walter Daelemans. ‘Part of Speech Tagging and Lemmatisation for the Spoken Dutch Corpus.’ *Proceedings of the Second International Conference on Language Resources and Evaluation (LREC-2000)*, Athens, Greece: ELRA, 1427–1434, 2000.
110. Hoste, Véronique, Walter Daelemans, Erik Tjong Kim Sang, Steven Gillis. ‘Meta-Learning for Phonemic Annotation of Corpora.’ *Proceedings of the 17th International Conference on Machine Learning*, 375–382, 2000.
111. Hoste, Véronique, Steven Gillis, Walter Daelemans. ‘A Rule Induction Approach to Modeling Regional Pronunciation Variation.’ *Proceedings of the 18th International Conference on Computational Linguistics*, Saarbrücken, Germany, 327–333, 2000.
112. Tjong Kim Sang, Erik, Walter Daelemans, Hervé Déjean, Rob Koeling, Yuval Krymolowski, Vasin Punyakanok, Dan Roth. ‘Applying System Combination to Base Noun Phrase Identification.’ *Proceedings of the 18th International Conference on Computational Linguistics*, Saarbrücken, Germany, 857–863, 2000.
113. Daelemans, Walter, Guy De Pauw, Gert Durieux, Steven Gillis, Véronique Hoste, Erik Tjong Kim Sang. ‘Zelflerende systemen als instrument voor de taalkunde en de taaltechnologie.’ (Machine Learning as a Tool for Linguistics and Language Technology.) In: Gillis, Steven, J. Nuyts, J. Taeldeman (eds.) *Met Taal om de Tuin geleid.*, Antwerpen, UIA, 81–94, 2000.
114. Sandra, Dominiek, Steven Frisson, Gert Durieux, Walter Daelemans, Steven Gillis. ‘Hij drinkt niet altijd ‘t’ en ik drink er soms wèl: Bronnen van hardnekkige werkwoordfouten in het Nederlands. (Sources of persistent verb errors in Dutch.) In: Gillis, Steven, J. Nuyts, J. Taeldeman (eds.) *Met Taal om de Tuin geleid.*, Antwerpen, UIA, 281–296, 2000.
115. Cardie, Claire, Walter Daelemans, Claire Nédellec, Erik Tjong Kim Sang (eds). *Proceedings of the Fourth Conference on Computational Natural Language Learning and of the Second Learning Language in Logic Workshop.*, 13-14 September, Lisbon, Portugal, 226 pages, 2000.
116. De Pauw, Guy and Walter Daelemans. ‘The Role of Algorithm Bias vs Information Source in Learning Algorithms for Morphosyntactic Disambiguation.’ In: *Proceedings of the Fourth Conference on Computational Language Learning (CoNLL-2000)*, Lissabon, Portugal, 19-24, 2000.
117. Kool, Anne, Walter Daelemans, and Jakub Zavrel. ‘Genetic Algorithms for Feature Relevance Assignment in Memory-Based Language Processing.’ In: *Proceedings of the Fourth Conference on Computational Language Learning (CoNLL-2000)*, Lissabon, Portugal, 103-106, 2000.
118. Van Eynde, Frank, Jakub Zavrel, and Walter Daelemans. ‘Lemmatisation and morphosyntactic annotation for the Spoken Dutch Corpus.’ In: P. Monachesi (ed.) *Computational Linguistics in the Netherlands 1999. Selected papers from the Tenth CLIN Meeting*, Utrecht, OTS, 53–62, 2000.
119. Hoste, Véronique, Steven Gillis, Walter Daelemans. ‘Machine learning for modeling Dutch pronunciation variation.’ In: P. Monachesi (ed.) *Computational Linguistics in The Netherlands 1999. Selected papers from the Tenth CLIN Meeting*, Utrecht, OTS, 73–84, 2000.
120. Guy De Pauw & Walter Daelemans. Data-Driven GRAEL: a distributed, evolutionary computing approach to grammar induction and optimization. In: B. de Boer & P. Vogt (eds.) *Bene-Evolang 2000*, Brussels, 13–20, 2000.
121. Zavrel, Jakub, Sven Degroeve, Anne Kool, Walter Daelemans, and Kristiina Jokinen. ‘Diverse classifiers for NLP disambiguation tasks. Comparisons, Optimization, Combination, and Evolution. In: Jokinen, Heylen, and Nijholt (eds.) *TWLT 18. Learning to Behave. CEvoLE 2*, Ieper, Belgium, 201–221, 2000.
122. Hoste, Véronique, Walter Daelemans, Erik Tjong Kim Sang, and Steven Gillis. ‘Meta-learning for phonemic annotation of corpora.’ In: van den Bosch & Weigand (eds.) *Proceedings of the Twelfth Belgium-Netherlands Artificial Intelligence Conference*, Tilburg, The Netherlands, 331–332, 2000.
123. Kool, Anne, Jakub Zavrel, and Walter Daelemans. ‘Simultaneous feature selection and parameter optimization for memory-based natural language processing.’ In: Feelders, A. (ed.) *BENELEARN 2000. Proceedings of the Tenth Belgian-Dutch Conference on Machine Learning.* Tilburg University, Tilburg, The Netherlands, 93–100, 2000.
124. Hoste, Véronique and Walter Daelemans. ‘Comparing bagging and boosting for natural language processing tasks: a typicality approach’ In: Feelders, A. (ed.) *BENELEARN 2000. Proceedings of the Tenth Belgian-Dutch Conference on Machine Learning.* Tilburg University, Tilburg, The Netherlands, 101–109, 2000.
125. Van Halteren, Hans, Jakub Zavrel, and Walter Daelemans. ‘Improving Accuracy in NLP through Combination of Machine Learning Systems.’ *Computational Linguistics* 27 (2), 199–230, 2001.
126. Daelemans, Walter ‘Book Review of *Learnability in Optimality Theory*’, *Computational Linguistics* 27 (2), 316–317, 2001.

127. Daelemans, Walter, Jakub Zavrel, Ko van der Sloot, and Antal van den Bosch. 'TiMBL: Tilburg Memory Based Learner, version 4.0, Reference Guide.' ILK Technical Report 01-04, 49 pages, 2001.
128. Busser, Bertjan, Walter Daelemans, Antal van den Bosch. 'Predicting phrase breaks with memory-based learning' In: *Proceedings 4th ISCA Tutorial and Research Workshop on Speech Synthesis*. Perthshire Scotland, August 29th - September 1st, 29-34, 2001.
129. Maruster, Laura, Wil van der Aalst, Ton Weijters, Antal van den Bosch, Walter Daelemans. 'Automatic Discovery of Workflow Models from Hospital Data.' In: Kröse, B., de Rijke, M., Schreiber, G. and van Someren, M. (Eds.) *Proceedings BNAIC-01*, Amsterdam, October 25-26, 183-190, 2001.
130. Daelemans, Walter and Antal van den Bosch. 'TreeTalk: Memory-Based Word Phonemisation.' In: R. I. Dampier (Ed.) *Data-Driven Techniques in Speech Synthesis*. Kluwer Academic Publishers, 149-172, 2001.
131. Daelemans, Walter and Rfni Zajac. (Eds.) *Proceedings of the fifth computational natural language learning workshop (CoNLL-2001)*, ACL: Toulouse, France, July 6-7th, 168 pages, 2001.
132. Daelemans, Walter, Khalil Sima'an, Jorn Veenstra, and Jakub Zavrel (Eds.) *Computational Linguistics in the Netherlands 2000. Selected Papers from the Eleventh CLIN Meeting*. Amsterdam - New York: Rodopi. ISBN 90-420-1257-9. 204 pages, 2001.
133. Buchholz, Sabine, and Walter Daelemans. 'SHAPAQA: Shallow Parsing for Question Answering on the World Wide Web.' In: Galia Angelova et al. (Eds.) *Proceedings Euroconference Recent Advances in Natural Language Processing*, Tsigov Chark, Bulgaria, 5-7 September, 47-51, 2001.
134. Decadt, Bart, Jacques Duchateau, Walter Daelemans, Patrick Wambacq. 'Phoneme-to-grapheme conversion for out-of-vocabulary words in large vocabulary speech recognition.' In: *ASRU 2001 Automatic Speech Recognition and Understanding Workshop Proceedings*. IEEE CD-rom (IEEE Catalog Number 01EX544, ISBN 0-7803-7343-X), Trento, Italy, 9-13 December, 4 pages, 2001.
135. Cucchiarini, Catia, Walter Daelemans, Helmer Strik. 'Strengthening the Dutch Human Language Technology Infrastructure.' *The ELRA Newsletter*, Vol 6 (4), 3-7, 2001.
136. Buchholz, Sabine and Walter Daelemans. 'Complex answers: a case study using a WWW question answering system.' *Natural Language Engineering* 7 (4): 301-323, 2001.
137. Hoste, Véronique, Anne Kool, and Walter Daelemans. 'Classifier Optimization and Combination in the English All Words Task.' In: Judita Preiss and David Yarowsky (eds.), *Proceedings of SENSEVAL-2. Second International Workshop on Evaluating Word Sense Disambiguation Systems*. New Brunswick: ACL, 83-86, 2001.
138. Hammerton, James, Miles Osborne, Susan Armstrong, and Walter Daelemans (Eds.) *Special issue on Machine Learning Approaches to Shallow Parsing. Journal of Machine Learning Research* 2, 551-719, 2002. (<http://www.ai.mit.edu/projects/jmlr/papers/shallowparsing-special.html>).
139. Hammerton, James, Miles Osborne, Susan Armstrong, and Walter Daelemans. 'Introduction to the Special issue on Machine Learning Approaches to Shallow Parsing.' *Journal of Machine Learning Research* 2, 551-558.
140. Maruster, Laura, Ton Weijters, Geerhard de Vries, Antal van den Bosch, and Walter Daelemans. Logistic-based patient grouping for multi-disciplinary treatment. *Artificial Intelligence in Medicine* 26, 87-107, 2002.
141. Daelemans, Walter. 'Review of: Knowledge and learning in language, Charles D, Yang', *Glott International* 6(5), 137-142, 2002.
142. Iris Hendrickx, Antal van den Bosch, Véronique Hoste, Walter Daelemans, . 'Dutch Word Sense Disambiguation: Optimizing the Localness of Context.' In: Phil Edmonds, Rada Mihalcea, Patrick Saint-Dizier (eds.) *Word Sense Disambiguation: Recent Successes and Future Directions*. New Brunswick: ACL, 61-66, 2002.
143. Véronique Hoste, Walter Daelemans, Iris Hendrickx, Antal van den Bosch. 'Evaluating the Results of a Memory-Based Word-Expert Approach to Unrestricted Word Sense Disambiguation.' In: Phil Edmonds, Rada Mihalcea, Patrick Saint-Dizier (eds.) *Word Sense Disambiguation: Recent Successes and Future Directions*. New Brunswick: ACL, 95-101, 2002.
144. De Meulder, Fien, Walter Daelemans, and Véronique Hoste. 'A Named Entity Recognition System for Dutch.' In: M. Theune, A. Nijholt, and H. Hondrop (eds.) *Computational Linguistics in the Netherlands 2001. Selected Papers from the Twelfth CLIN Meeting*, Amsterdam - New York: Rodopi, 77-88, 2002.
145. Decadt Bart, Jacques Duchateau, Walter Daelemans, and Patrick Wambacq. 'Memory-Based Phoneme-to-Grapheme Conversion.' In: M. Theune, A. Nijholt, and H. Hondrop (eds.) *Computational Linguistics in the Netherlands 2001. Selected Papers from the Twelfth CLIN Meeting*, Amsterdam - New York: Rodopi, 47-61, 2002.
146. Daelemans Walter, and Helmer Strik (Eds.) *Actieplan voor het Nederlands in de taal- en spraaktechnologie: prioriteiten voor basisvoorzieningen*, Report for the Nederlandse Taalunie, 165 pages, 2002. (Action Plan for Dutch in Language and Speech technology: Priorities for Basic Resources).
147. Helmer Strik, Walter Daelemans, Diana Binnenpoorte, Janienke Sturm, Folkert De Vriend, Catia Cucchiarini. 'Dutch HLT resources: From BLARK to priority lists.' *Proceedings of ICSLP-2002*, Denver, USA, 1549-1552, 2002.

2002

148. Erwin Marsi, Bertjan Busser, Walter Daelemans, Véronique Hoste, Martin Reynaert, Antal van den Bosch, ‘Combining information sources for memory-based pitch accent placement.’ *Proceedings of ICSLP-2002, International Conference on Spoken Language Processing*, Denver, USA, 1273–1276, 2002.
149. Decadt, Bart, Jacques Duchateau, Walter Daelemans, and Patrick Wambacq, ‘Transcription of Out-of-vocabulary Words in Large Vocabulary Speech Recognition based on Phoneme-to-grapheme Conversion’. *Proceedings of ICASSP-02, the International Conference on Acoustics, Speech and Signal Processing*, Volume I, Orlando, USA, 861–864, 2002.
150. Binnenpoorte, Diana, Folkert De Vriend, Janienke Sturm, Walter Daelemans, Helmer Strik, Catia Cucchiari. ‘A Field Survey for Establishing Priorities in the Development of HLT Resources for Dutch.’ *Proceedings of LREC-2002, the third International Language Resources and Evaluation Conference*, Las Palmas, Spain, 1862–1866, 2002.
151. Daelemans, Walter and Hoste, Véronique, ‘Evaluation of Machine Learning Methods for Natural Language Processing Tasks.’ *Proceedings of LREC-2002, the third International Conference on Language Resources and Evaluation*, Las Palmas, Spain, 755–760, 2002.
152. Martens, Evelyn, Walter Daelemans, Steven Gillis, and Helena Taelman, ‘Where do syllables come from?’ In: W. Gray and C. Schunn (Eds.) *Proceedings of the Twenty-Fourth Annual Conference of the Cognitive Science Society*, Fairfax, Virginia, George Mason University, 657–664, 2002.
153. Daelemans, Walter, Jakub Zavrel, Antal van den Bosch, Ko van der Sloot. *MBT: Memory Based Tagger, version 1.0, Reference Guide*. ILK Technical Report 02-09, 12 pages, 2002.
154. Daelemans, Walter, Jakub Zavrel, Ko van der Sloot, and Antal van den Bosch. *TiMBL: Tilburg Memory Based Learner, version 4.3, Reference Guide* ILK Technical Report 02-10, 49 pages, 2002.
155. Daelemans, Walter ‘A comparison of analogical modeling to memory-based language processing.’ In: R. Skousen, D. Lonsdale and D. Parkinson (eds.). *Analogical Modeling*. Amsterdam: John Benjamins, 157–179, 2002.
156. Hoste, Véronique, Iris Hendrickx, Walter Daelemans, and Antal van den Bosch. ‘Parameter Optimization for Machine-Learning of Word Sense Disambiguation.’ *Natural Language Engineering, Special Issue on Word Sense Disambiguation Systems*, pp. 311-325, 2002.
157. Reinberger, Marie-Laure and Walter Daelemans. ‘Is shallow parsing useful for the unsupervised learning of semantic clusters?’ Gelbukh, Alexander (ed.) *Proceedings of the 4th Conference on Intelligent Text Processing and Computational Linguistics (CICLing 2003)*, Mexico City, Mexico, Lecture Notes in Computer Science 2588, Springer Verlag, 304–313, 2003.
158. Daelemans, Walter and Miles Osborne (eds.) *Proceedings of the Seventh Conference on Natural Language Learning*. Edmonton, Canada, ACL, vii + 212 pages, ISBN 1-932432-08-6.
159. Fien De Meulder and Walter Daelemans. ‘Memory-Based Named Entity Recognition using Unannotated Data.’ *Proceedings of the Seventh Conference on Natural Language Learning.*, 208–211, 2003.
160. De Sitter, An and Walter Daelemans, ‘Information Extraction via Double Classification.’ *Proceedings of the International Workshop on Adaptive Text Extraction and Mining*. Cavtat-Dubrovnik, Croatia, 66-73, September 2003. [Also: Department of Mathematics and Computer Science, University of Antwerp, Technical Report 2003-06.]
161. Reinberger, Marie-Laure, Peter Spyns, Walter Daelemans, and Robert Meersman. ‘Mining for lexons: applying unsupervised learning methods to create ontology bases.’ Meersman, R., Zahir Tari, and Douglas Schmidt (eds.) *On the Move to Meaningful Internet Systems 2003: CoopIS, DOA, and ODBASE*, Lecture Notes in Computer Science 2888, Springer-Verlag, Catania, Italy, 803–819, 2003.
162. Marsi Erwin, Martin Reynaert, Antal van den Bosch, Walter Daelemans, Véronique Hoste. ‘Learning to predict pitch accents and prosodic boundaries in Dutch.’ *Proceedings of the 41st Annual Meeting of the Association for Computational Linguistics*, Sapporo, Japan, 489–496, 2003.
163. Schauwers, Karen, Steven Gillis, Carina De Beukelaer, Walter Daelemans, Frans Offeciers, and Paul Govaerts, ‘Cochleaire implantatie tussen 5 en 20 maanden: De onset van brabbelen en de audiologische outcome.’ *Logopedie* 16, 113–123, 2003.
164. Daelemans, Walter, Véronique Hoste, Fien De Meulder and Bart Naudts, ‘Combined Optimization of Feature Selection and Algorithm Parameter Interaction in Machine Learning of Language.’ *Proceedings of the 14th European Conference on Machine Learning (ECML-2003)*, Lecture Notes in Computer Science 2837, Springer-Verlag, Cavtat-Dubrovnik, Croatia, 84–95, 2003.
165. Zavrel Jakub and Walter Daelemans. ‘Feature-Rich Memory-Based Classification for Shallow NLP and Information Extraction.’ Jürgen Franke, Gholamreza Nakhaeizadeh and Ingrid Renz (eds.), *Text Mining, Theoretical Aspects and Applications*, Springer Physica-Verlag, 33–54, 2003.
166. Daelemans, Walter, Jakub Zavrel, Ko van der Sloot and Antal van den Bosch. ‘TiMBL: Tilburg Memory Based Learner, version 5.0, Reference Guide.’ ILK Research Group Technical Report Series no. 03-10, 56 pages, 2003.
167. Daelemans, Walter, Jakub Zavrel, Antal van den Bosch and Ko van der Sloot. ‘MBT: Memory Based Tagger, version 2.0, Reference Guide.’ ILK Research Group Technical Report Series 03-13, 16 pages, 2003.

168. Laura Maruster, Ton Weijters, Antal van den Bosch, Walter Daelemans. ‘Discovering process models by rule set induction.’ Proceedings of the 5th International Workshop on Symbolic and Numeric Algorithms for Scientific Computing, Timisoara, Romania, 180–191, 2003.
169. Véronique Hoste, Walter Daelemans and Steven Gillis. ‘Using rule-induction techniques to model pronunciation variation in Dutch’, *Computer Speech and Language* 18(1), 2004, 1–23.
170. Erik Tjong Kim Sang, Walter Daelemans, Anja Höthker. ‘Reduction of Dutch Sentences for Automatic Subtitling.’ In: Decadt, B, V. Hoste, and G. De Pauw (eds). Computational Linguistics in the Netherlands 2003. *Antwerp Papers in Linguistics*, 111, 109–123, 2004.
171. York Sure, Asunción Gómez-Pérez, Walter Daelemans, Marie-Laure Reinberger, Nicola Guarino and Natalya Noy. ‘Why Evaluate Ontology Technologies? Because It Works!’ *IEEE Intelligent Systems, Trends & Controversies*, 19(4), 74–81, Jul/Aug 2004.
172. Walter Daelemans, Review of ‘Recent Advances in Example-based Machine Translation’ by Michael Carl and Andy Way (editors). *Computational Linguistics* 30(4), 516–520, December 2004.
173. Guy De Pauw, Tom Laureys, Walter Daelemans and Hugo Van hamme. ‘A Comparison of Two Different Approaches to Morphological Analysis of Dutch.’ In *Proceedings of the ACL 2004 Workshop on Current Themes in Computational Phonology and Morphology*, 62–69, Barcelona, Spain, July 2004.
174. Daelemans, Walter, Anja Höthker and Erik Tjong Kim Sang, ‘Automatic Sentence Simplification for Subtitling in Dutch and English.’ In: M.T. Lino e.a. (eds.), *Proceedings of the 4th International Conference on Language Resources and Evaluation (LREC 2004)*, 1045–1048, Lisbon, 2004.
175. Piperidis Stelios, Iason Demiros, Prokopis Prokopidis, Peter Vanroose, Anja Höthker, Walter Daelemans, Elsa Sklavounou, Manos Konstantinou, and Yannis Karavidas, ‘Multimodal Multilingual Resources in the Subtitling Process.’ *Proceedings of the 4th International Conference on Language Resources and Evaluation (LREC 2004)*, 205–208, Lisbon, 2004.
176. Reinberger, Marie-Laure and Walter Daelemans, Unsupervised Text Mining for Ontology Extraction: An Evaluation of Statistical Measures. *Proceedings of the 4th International Conference on Language Resources and Evaluation (LREC 2004)*, 491–494, Lisbon, 2004.
177. De Sitter, An, Toon Calders, and Walter Daelemans, ‘A formal framework Discovering process models by rule set induction for evaluation of information extraction.’ Technical report, University of Antwerp, Dept. of Mathematics and Computer Science, TR 2004-04, 12 pages, 2004.
178. Decadt, Bart, Véronique Hoste, Walter Daelemans and Antal van den Bosch, ‘GAMBL Genetic Algorithm Optimization of Memory-Based WSD.’ In Rada Mihalcea and Phil Edmonds (eds.), *Proceedings of the Third International Workshop on the Evaluation of Systems for the Semantic Analysis of Text (Senseval-3)*, 108–112, 2004.
179. Decadt, Bart and Walter Daelemans, ‘Verb Classification - Machine Learning Experiments in Classifying Verbs into Semantic Classes.’ L. Guthrie e.a. (eds.), *Proceedings of the LREC 2004 Workshop “Beyond Named Entity Recognition - Semantic Labelling for NLP Tasks”*, 25–30, 2004.
180. Daelemans, Walter ‘Computational Linguistics.’ In: G. Booij, Ch. Lehmann, and J. Mugdan (eds.), *Morphology. A Handbook on Inflection and Word Formation*, Berlin and New York: Walter De Gruyter, 1893–1900, 2004.
181. Reinberger, Marie-Laure, Peter Spyns, A. Johannes Pretorius and Walter Daelemans, ‘Automatic Initiation of an Ontology’. *Proceedings of ODBase’04*, Ayia Napa, Cyprus, Lecture Notes in Computer Science, Springer-Verlag, 600–617, 2004.
182. Van den Bosch, Antal, Sander Canisius, Walter Daelemans, Iris Hendrickx and Erik Tjong Kim Sang, ‘Memory-based semantic role labeling: Optimizing features, algorithm, and output.’ *Proceedings of CoNLL-2004*, Boston, MA, USA, 102–105, 2004.
183. Tom Laureys, Guy De Pauw, Hugo Van Hamme, Walter Daelemans, and Dirk Van Compennolle. ‘Evaluation and adaptation of the Celex Dutch morphological database.’ In: M.T. Lino e.a. (Eds.), *Proceedings of the 4th International Conference on Language Resources and Evaluation (LREC 2004)*, 1247–1250, 2004.
184. Daelemans, Walter, Jakub Zavrel, Ko van der Sloot, and Antal van den Bosch. *TiMBL: Tilburg Memory-Based Learner, version 5.1, Reference Guide*. ILK Research Group Technical Report Series no. 04-02, 60 pages, 2004.
185. Walter Daelemans and Antal van den Bosch. *Memory-Based Language Processing* Cambridge, UK: Cambridge University Press, 2005. ISBN-10: 0521808901; ISBN-13: 9780521808903
186. Daelemans, Walter ‘Machine Learning of Natural Language’. In: G. Altmann, R. Köhler, and R. Piotrowski (eds.) *Quantitative Linguistics. An international handbook*, Berlin and New York: Walter De Gruyter, 821–833, 2005.
187. Antal van den Bosch and Walter Daelemans, ‘Improving sequence segmentation learning by predicting tri-grams.’ In: *Proceedings of the Ninth Conference on Natural Language Learning, CoNLL-2005*, June 29–30, 2005, Ann Arbor, MI, 80–87, 2005. [Also in Proceedings BNAIC 2005: 389–390].

188. Sander Canisius, Antal van den Bosch, and Walter Daelemans. ‘Rule meta-learning for trigram-based sequence processing.’ In: J. Cussens and C. Nedellec (Eds.), *Proceedings of the Fourth Learning Language in Logic Workshop*, 3–10, Bonn, August 2005.
189. Walter Daelemans, Theo du Plessis, Cobus Snyman and Lut Teck (eds.), *Multilingualism and Electronic Language Management*. *Proceedings of the 4th International MIDP Colloquium*, 22-23 September 2003, Bloemfontein, South Africa (Studies in Language Policy in South Africa 4). Pretoria: Van Schaik Publishers, 2005, ISBN: 062702601X
190. Véronique Hoste and Walter Daelemans. ‘Learning Dutch Resolution Coreference.’ In: Ton van der Wouden, Michaela Poss, Hilke Reckman, Crit Cremers (eds.) *Computational Linguistics in the Netherlands 2004. Selected papers from the fifteenth CLIN meeting.*, Utrecht: LOT, 133–148, 2005.
191. Kim Luyckx, and Walter Daelemans. ‘Shallow Text Analysis and Machine Learning for Authorship Attribution.’ In: Ton van der Wouden, Michaela Poss, Hilke Reckman, Crit Cremers (eds.) *Computational Linguistics in the Netherlands 2004. Selected papers from the fifteenth CLIN meeting.*, Utrecht: LOT, 149–160, 2005.
192. Véronique Hoste and Walter Daelemans. ‘Comparing Learning Approaches to Coreference Resolution. There is More to it Than ‘Bias’.’ In: Proceedings of the Workshop on Meta-Learning (held in conjunction with ICML-2005), Bonn, Germany, 20–27, 2005.
193. W. Daelemans, D. Binnenpoorte, F. de Vriend, J. Sturm, H. Strik & C. Cucchiari. ‘Establishing priorities in the development of HLT resources: the Dutch-Flemish experience.’ In: W. Daelemans, T. du Plessis, C. Snyman & L. Teck (eds.), *Multilingualism and Electronic Language Management*. *Proceedings of the 4th International MIDP Colloquium*, 22-23 September 2003, Bloemfontein, South Africa (Studies in Language Policy in South Africa 4). Pretoria: Van Schaik Publishers, 9–23, 2005.
194. Hoste Véronique and Walter Daelemans, ‘Comparing learning approaches to language learning: there is more to it than bias.’ In: *Proceedings of Benelearn 2006*, Ghent, Belgium, 131-138, 2006.
195. Canisius Sander, van den Bosch Antal, Daelemans Walter, ‘Discrete versus probabilistic sequence classifiers for domain-specific entity chunking.’ In: *Proceedings of the Eighteenth Belgian-Dutch Conference on Artificial Intelligence*, BNAIC-2006, Namur, Belgium, 75-82, 2006.
196. Glickman Oren, Dagan Ido, Daelemans Walter, Keller Mikaela, Bengio Sammy, ‘Investigating lexical substitution scoring for subtitle generation.’ In: *Proceedings of the Tenth Conference on Natural Language Learning (CoNLL-X)*, New York City, USA, June 8-9, 45-52, 2006.
197. Daelemans Walter, ‘A mission for computational natural language learning.’ In: *Proceedings of the Tenth Conference on Natural Language Learning (CoNLL-X)*, New York City, USA, June 8-9, 1-5, 2006.
198. Vaneyghen Joris, de Pauw Guy, van Compernelle Dirk, Daelemans Walter, ‘A mixed word/morphological approach for extending CELEX for high coverage on contemporary large corpora.’ In: *Proceedings of the 5th International Conference on Language Resources and Evaluation (LREC 2006)*, Genoa, Italy, 931–934, 2006.
199. Canisius Sander, van den Bosch Antal, Daelemans Walter, ‘Constraint Satisfaction Inference: Non-probabilistic global inference for sequence labelling.’ In: *Proceedings of the EACL 2006 Workshop on Learning Structured Information in Natural Language Applications*, Trento, Italy, 9–16, 2006.
200. Luyckx Kim, Daelemans Walter, Vanhoutte Edward, ‘Stylogenetics: clustering-based stylistic analysis of literary corpora.’ In: *Proceedings of LREC-2006: the 5th International Language Resources and Evaluation Conference, Workshop Towards Computational Models of Literary Analysis*, Genova, ILC, 30–35, 2006.
201. Antal van den Bosch, Bertjan Busser, Sander Canisius, and Walter Daelemans. ‘An efficient memory-based morphosyntactic tagger and parser for Dutch.’ In: Peter Dirix et al. (eds.) *Computational Linguistics in the Netherlands 2006. Selected papers from the seventeenth CLIN meeting*. LOT, Utrecht, 191–206, 2007.
202. Iris Hendrickx, Walter Daelemans. ‘Adding Semantic Information: Unsupervised Clusters for Coreference Resolution’, In: Maarten van Someren et al. (eds), *Workshop Notes on Machine Learning for Natural Language Processing*, Amsterdam, The Netherlands, 14–15, 2007.
203. Veronique Hoste, Iris Hendrickx and Walter Daelemans, ‘Disambiguation of the neuter pronoun and its effect on pronominal coreference resolution.’ In: *Text, Speech and Dialogue. Proceedings of the 10th International Conference TSD 2007.*, Plzen, Czech Republic, Springer Lecture Notes in Computer Science Volume 4629, Berlin, Heidelberg: Springer, 48–55, 2007.
204. Iris Hendrickx, Veronique Hoste, and Walter Daelemans, ‘Evaluating hybrid versus data-driven coreference resolution.’ In: *Anaphora: Analysis, Algorithms and Applications*. Lecture Notes in Computer Science Volume 4410, Berlin, Heidelberg: Springer Verlag, 137–150, 2007.
205. Walter Daelemans and Antal van den Bosch, ‘Dat gebeurd mei niet: Computatieve modellen voor verwarbare homofonen.’ (Computational models of confusable homophones.) In: Dominiek Sandra et al. (eds), *Tussen Taal, Spelling en Onderwijs*. Gent: Academia Press, 199–210, 2007.
206. Emmanuel Keuleers and Walter Daelemans, ‘Memory-Based Learning Models of Inflectional Morphology: A Methodological Case Study.’ *Lingue e Linguaggio* VI.2, 151–174, 2007.

2006

2007

207. Keuleers Emmanuel, Sandra Dominiek, Daelemans Walter, Gillis Steven, Durieux Gert, Martens Evelyn, 'Dutch plural inflection: the exception that proves the analogy.' *Cognitive Psychology*, 54:4, 283–318, 2007.
208. Daelemans, Walter, Bart Goethals, and Katharina Morik. 'Guest editors' introduction: special issue of selected papers from ECML PKDD 2008' In: *Machine learning*, 72:3 (2008), p. 155-156.
209. Daelemans Walter, Bart Goethals, and Katharina Morik. 'Guest editors' introduction: special issue of selected papers from ECML PKDD 2008.' In: *Data mining and knowledge discovery*, 17:1(2008), p. 1-2.
210. Luyckx Kim and Walter Daelemans. 'Authorship attribution and verification with many authors and limited data.' In: *Proceedings of the 22nd International Conference on Computational Linguistics (COLING 2008)*, Manchester, 2008, p. 513-520. [A compressed version appears in *Proceedings of the 20th Belgian-Netherlands Conference on Artificial Intelligence (BNAIC 2008)*, Enschede, 2008, p. 335-336.]
211. Hendrickx Iris, Walter Daelemans, Kim Luyckx, Roser Morante, Van Asch Vincent 'CNTS: memory-based learning of generating repeated references.' In: *Proceedings of the 5th International Natural Language Generation Conference (INLG 2008)*, Salt Fork, Ohio, USA, June 12-14, 2008, 194-195.
212. Morante Roser, Walter Daelemans, Vincent Van Asch Vincent. 'A combined memory-based semantic role labeler of English.' In: *Proceedings of the 12th Conference on Computational Natural Language Learning*, 2008, p. 208-212.
213. Hendrickx Iris, Gosse Bouma, Frederik Coppens, Walter Daelemans, Vronique Hoste, Geert Kloosterman, Anne-Marie Mineur, Joeri van der Vloet, Jean-Luc Verschelde. 'Coreference resolution for extracting answers for Dutch.' In: *Proceedings of LREC*, Marrakech, Morocco, 2008.
214. Luyckx Kim and Walter Daelemans. 'Personae: a corpus for author and personality prediction from text.' In: *Proceedings of LREC-2008, the Sixth International Language Resources and Evaluation Conference*, Marrakech, 2008.
215. Hendrickx Iris, Vronique Hoste, Walter Daelemans. 'Semantic and syntactic features for anaphora resolution for Dutch.' In: *Proceedings of the CICLing-2008 Conference*, Haifa, Israel, Berlin: Springer, 2008, p. 351-361.
216. Luyckx Kim, Walter Daelemans. 'Using syntactic features to predict author personality from text.' In: *Proceedings of Digital Humanities 2008*, Oulu, Finland, 2008, p. 146-149.
217. Morante Roser, Anthony Liekens, and Walter Daelemans. 'Learning the Scope of Negation in Biomedical Texts.' *Proceedings of the 2008 Conference on Empirical Methods in Natural Language Processing*, Honolulu, 2008, p. 715–724.
218. Daelemans Walter en Antal van den Bosch. 'My Word Coach. Taaltechnologie voor een Nintendo brain trainer.' *DIXIT*, jaargang 5, nummer 2, november 2008, p. 31.
219. Morante Roser, van Asch Vincent, Daelemans Walter. 'A memory-based learning approach to event extraction in biomedical texts.' *Proceedings of the Workshop on BioNLP: Shared Task*, Boulder, Colorado, Association for Computational Linguistics, June 2009, p. 59–67.
220. Morante Roser, Daelemans Walter. 'A metalearning approach to processing the scope of negation.' *Proceedings of the Thirteenth Conference on Computational Natural Language Learning (CoNLL)*, Boulder, Colorado, Association for Computational Linguistics, June 2009, p. 21–29.
221. Vandekerckhove Bram, Sandra Dominiek, Daelemans Walter. 'A robust and extensible exemplar-based model of thematic fit.' Lascarides et al. (eds.) *Proceedings of the 12th Conference of the European Chapter of the ACL*, Athens, Greece, Association for Computational Linguistics, 2009, p. 826–834.
222. Marsi Erwin, Kraemer Emiel, Hendrickx Iris, Daelemans Walter. 'Is sentence compression an NLG task?' *Proceedings of the 12th European Workshop on Natural Language Generation.*, Association for Computational Linguistics, Athens, Greece, 2009, p. 25–32.
223. Morante Roser, Daelemans Walter. 'Learning the scope of hedge cues in biomedical texts.' *Proceedings of the Workshop on BioNLP*, Boulder, Colorado, Association for Computational Linguistics, 2009, p. 28–36.
224. van Asch Vincent, Daelemans Walter. 'Prepositional phrase attachment in shallow parsing.' *Proceedings of the 7th International Conference on Recent Advances in Natural Language Processing (RANLP)*. Borovec, Bulgaria, 2009, p. 12–17.
225. Daelemans W., Groenewald H.J. and van Huyssteen G.B. 'Prototype-based active learning for lemmatization', *Proceedings of the 7th International Conference on Recent Advances in Natural Language Processing (RANLP)*, Borovec, Bulgaria, p 65–70, 2009.
226. Hendrickx Iris, Daelemans Walter, Marsi Erwin, Kraemer Emiel. 'Reducing redundancy in multi-document summarization using lexical semantic similarity.' *Proceedings of the 2009 Workshop on Language Generation and Summarisation*, Association for Computational Linguistics, Singapore, 2009, p. 63–66.
227. Gillis Steven, Daelemans Walter, de Smedt Koenraad. 'Artificial intelligence.' *Cognition and Pragmatics*. Sandra et al. (eds.), Amsterdam, Benjamins, 2009, p. 16–40.
228. Lieve Macken and Walter Daelemans, 'Aligning linguistically motivated phrases.' *Selected Papers from the 18th Computational Linguistics in the Netherlands Meeting*. Verberne et al. (eds.), Nijmegen, The Netherlands, 2009, p. 37–52.

229. Walter Daelemans and Véronique Hoste (eds.) *Evaluation of Translation Technology*. LANS 8/2009. Brussels: Academic and Scientific Publishers. 261 pages. 2009.
230. Walter Daelemans and Véronique Hoste. ‘Evaluation of Translation Technology.’ in Daelemans et al. (eds.) *Evaluation of Translation Technology*. LANS 8/2009, p. 9–13, 2009.
231. Erwin Marsi, Emiel Krahmer, Iris Hendrickx, Walter Daelemans. ‘Sentence compression: Beyond deletion models?’ *Empirical Methods in Natural Language Generation.*, Lecture Notes in Computer Science 5980, Springer, Berlin Heidelberg, p. 45–66, 2010.
232. Lieve Macken and Walter Daelemans. ‘A Chunk-Driven Bootstrapping Approach to Extracting Translation Patterns.’ In: A. Gelbukh (ed.), *11th International Conference on Intelligent Text Processing and Computational Linguistics*. Iasi, Romania, Vol. 6009 of Lecture Notes in Computer Science, Springer-Verlag, Heidelberg, pp. 394–405, 2010.
233. Walter Daelemans, Vincent Van Asch, Roser Morante. ‘Memory-based biomedical Named-Entity tagging.’ In: Dietrich Rebholz-Schuhmann & Udo Hahn (eds.) *Proceedings of the First CALBC Workshop*, Cambridge, EBI, p. 31–32, 2010.
234. Thomas Abeel, Sofie Van Landeghem, Roser Morante, Vincent Van Asch, Yves Van de Peer, Walter Daelemans, Yvan Saey. ‘Highlights of the BioTM 2010 workshop on advances in bio text mining.’ *BMC Bioinformatics* 11, Suppl 5, p. 1-3, 2010.
235. Frederik Vaassen and Walter Daelemans. ‘Emotion Classification in a Serious Game for Training Communication Skills.’ In: Eline Westerhout, Thomas Markus, Paola Monachesi (eds.) *Computational Linguistics in the Netherlands. Selected papers from the twentieth CLIN meeting.*, LOT, Utrecht, p. 155–169, 2010.
236. Roser Morante, Vincent Van Asch and Walter Daelemans. ‘Extraction of Biomedical Events.’ In: Eline Westerhout, Thomas Markus, Paola Monachesi (eds.) *Computational Linguistics in the Netherlands. Selected papers from the twentieth CLIN meeting.*, LOT, Utrecht, p. 91–106, 2010.
237. Mike Kestemont, Walter Daelemans and Guy De Pauw. ‘Space traveling: Assessing the ‘soundness’ of class labels in memory-based learning and the case of Middle Dutch spelling variation’ (extended abstract). In: *Proceedings of the 19th Annual Belgian-Dutch Conference on Machine Learning (Benelearn 2010)*, Leuven, 2010, 2 pages.
238. Roser Morante, Vincent Van Asch, Walter Daelemans. ‘Memory-based resolution of in-sentence scopes of hedge cues.’ *Proceedings of the Fourteenth Conference on Computational Natural Language Learning: Shared Task*, Uppsala, Sweden, Association for Computational Linguistics, 40–47, 2010.
239. Vincent Van Asch and Walter Daelemans. ‘Using Domain Similarity for Performance Estimation.’ *Workshop on Domain Adaptation for Natural Language Processing (DANLP)*, Uppsala, Sweden, Association for Computational Linguistics, p. 31–36, 2010.
240. Walter Daelemans and Antal van den Bosch. ‘Memory-based learning.’ In: A. Clark, C. Fox, and S. Lappin (Eds.) *Handbook of Computational Linguistics and Natural Language Processing.*, Oxford, UK, Wiley-Blackwell Publishers, 154–179, 2010.
241. Mike Kestemont, Walter Daelemans, Guy De Pauw. ‘Weigh Your Words – memory-based lemmatization for Middle Dutch.’ *Literary and Linguistic Computing*, Vol. 25, No. 3, 287–301, 2010.
242. Walter Daelemans. ‘POS Tagging.’ In: Claude Sammut and Geoffrey I. Webb (eds.) *Encyclopedia of Machine Learning*. Springer Verlag, Heidelberg, 2010.
243. Tom De Smedt, Vincent Van Asch, Walter Daelemans. *Memory-based Shallow Parser for Python*. CLiPS Technical Report Series, CTRS-002, 2010.
244. Vincent Van Asch, Roser Morante and Walter Daelemans. ‘Towards improving the precision of a relation extraction system by processing negation and speculation.’ *Proceedings of the 4th Symposium on Semantic Mining in Biomedicine (SMBM)*, 164–165. Hinxton, UK, 2010.
245. Walter Daelemans. ‘Review: Colin de la Higuera, Grammatical Inference: Learning Automata and Grammars.’ *Machine Translation* 23:3-4, 291–293, 2010.
246. D. Rebholz-Schuhmann, A. Jimeno, Ch. Li, S. Kafkas, I. Lewin, N. Kang, P. Corbett, D. Milward, E. Buyko, E. Beisswanger, K. Hornbostel, A. Kouznetsov, R. Witte, J. B. Laurila, Ch. JO Baker, Ch. Kuo, S. Clematide, F. Rinaldi, R. Farkas, G. Mra, K. Hara, L. Furlong, M. Rautschka, M. Lara Neves, A. Pascual-Montano, Q. Wei, N. Collier, F. Mahub Chowdhury, A. Lavelli, R. Berlanga, R. Morante, V. Van Asch, W. Daelemans, J. L. Marina, E. van Mulligen, J. Kors and U. Hahn. ‘Assessment of NER solutions against the first and second CALBC Silver Standard Corpus.’ *Proceedings of the 4th Symposium on Semantic Mining in Biomedicine (SMBM)*, 66–74. Hinxton, UK, 2010. Also in *Journal of Biomedical Semantics*, Volume 2, suppl. 5, S11, 2011.
247. Roser Morante, Sarah Schrauwen and Walter Daelemans. ‘Corpus-based approaches to processing the scope of negation cues: an evaluation of the state of the art.’ In: Johan Bos and Stephen Pulman (editors), *Proceedings of the Ninth International Conference on Computational Semantics (IWCS 2011)*, pp. 350–354. Oxford, UK, 2011.

248. Anthony Liekens, Jeroen de Knijf, Walter Daelemans, Bart Goethals, Peter De Rijk, Del-Favero Jurgen. 'BioGraph: unsupervised biomedical knowledge discovery via automated hypothesis generation.' *Genome Biology*, 12(6), 12:R57, 2011.
249. Senja Pollak, Roel Coesemans, Walter Daelemans, Nada Lavrač. 'Detecting contrast patterns in newspaper articles by combining discourse analysis and text mining.' *Pragmatics* 21:4, 647-638, 2011.
250. Kim Luyckx, Walter Daelemans. 'The effect of author set size and data size in authorship attribution.' *Literary and Linguistic Computing*, 26:1, 35-55, 2011.
251. Sander Canisius, Antal van den Bosch, Walter Daelemans. 'Constraint-Satisfaction Inference for Entity Recognition.' In: Van den Bosch Antal, Bouma Gosse (eds.) *Interactive Multi-Modal Question-Answering*. Berlin, Heidelberg: Springer, Series: Theory and Applications of Natural Language Processing, 199-221, 2011.
252. Frederik Vaassen, Walter Daelemans. 'Automatic emotion classification for interpersonal communication.' In: *Proceedings of the Workshop on Computational Approaches to Subjectivity and Sentiment Analysis (WASSA), ACL-HLT 2011*, pages 104-110, Portland, Oregon, USA Association for Computational Linguistics, 2011.
253. Claudia Peersman, Walter Daelemans, Leona Van Vaerenbergh. 'Predicting Age and Gender in Online Social Networks.' *Proceedings of the 3rd international workshop on search and mining user-generated contents (SMUC'11)*. ACM, New York, 37-44, 2011.
254. Mike Kestemont, Kim Luyckx, Walter Daelemans. 'Intrinsic plagiarism detection using character trigram distance scores.' In: Vivien Petras and Paul Clough (Eds.) *Notebook for PAN at CLEF 2011*. Notebook Papers of CLEF 2011 Labs and Workshops, Amsterdam, The Netherlands. 8 pages, 2011.
255. Roser Morante, Walter Daelemans. 'Annotating modality and negation for a machine reading evaluation.' In: Vivien Petras and Paul Clough (Eds.) *Notebook for QA4MRE at CLEF 2011*. Notebook Papers of CLEF 2011 Labs and Workshops, Amsterdam, The Netherlands, 14 pages, 2011.
256. Tom De Smedt, Ludivine Lechat, Walter Daelemans. 'Generative Art Inspired by Nature, Using NodeBox.' In: Cecilia Di Chio, Anthony Brabazon, et al. (eds.) *Applications of Evolutionary Computation*. Springer Lecture Notes in Computer Science, Volume 6625, 264-272, 2011.
257. Vincent Van Asch, Walter Daelemans. 'Using Domain Similarity for Performance Estimation.' In: Peter van der Putten, Cor Veenman, Joaquin Vanschoren, Menno Israel, Hendrik Blockeel (eds.) *Proceedings of the Twentieth Belgian Dutch Conference on Machine Learning* The Hague, 87-88, 2011.
258. Dirk Snyman, Gerhard van Huyssteen, Walter Daelemans. 'Automatic Genre Classification for Resource Scarce Languages.' In: *Proceedings of the 2011 Conference of the Pattern Recognition Association of South Africa*. Vanderbijlpark, South Africa, p. 132-137, 2011.
259. Roser Morante, Sara Schrauwen, Walter Daelemans. 'Annotation of negation cues and their scope: Guidelines v1.0.' *Computational linguistics & psycholinguistics technical report series*, CTRS-003 Antwerp: University of Antwerp, 2011, 42 pages.
260. Jeroen Wauters, Frederik Van Broeckhoven, Maarten Van Overveldt, Koen Eneman, Frederik Vaassen, Walter Daelemans. 'deLearyous: An Interactive Application for Interpersonal Communication Training.' In: Stefan De Wannemacker, Sylke Vandercruysse, & Geraldine Clarebout (Eds.), *Serious Games: The Challenge*. Communications in Computer and Information Science, Volume 280, Berlin, Germany: Springer-Verlag, 87-90, 2012.
261. Mike Kestemont, Walter Daelemans, Dominiek Sandra. 'Robust rhymes? The stability of authorial style in medieval narratives.' *Journal of Quantitative Linguistics*, 19 (1), 54-76, 2012.
262. Claudia Peersman, Frederik Vaassen, Vincent Van Asch, Walter Daelemans. 'Conversation Level Constraints on Pedophile Detection in Chat Rooms.' In: P. Forner, J. Karlgren, & C. Womser-Hacker (eds.), *CLEF 2012 Conference and Labs of the Evaluation Forum - Uncovering Plagiarism, Authorship, and Social Software Misuse (PAN)*, Rome, Italy, 13 pages, 2012.
263. Kim Luyckx, Frederik Vaassen, Claudia Peersman, Walter Daelemans. 'Fine-Grained Emotion Detection in Suicide Notes: A Thresholding Approach to Multi-Label Classification.' *Biomedical Informatics Insights (BII)*. Volume 5 (Suppl. 1), 61-69, 2012.
264. Janneke van de Loo, Guy De Pauw, Jort F. Gemmeke, Peter Karsmakers, Bert Van Den Broeck, Walter Daelemans, Hugo Van hamme. 'Towards Shallow Grammar Induction for an Adaptive Assistive Vocal Interface: a Concept Tagging Approach.' In Luz Rello and Horacio Saggion (eds.), *Proceedings of the Workshop on Natural Language Processing for Improving Textual Accessibility (NLP4ITA)*, 27-34, Istanbul, Turkey, 2012.
265. Janneke van de Loo, Jort F. Gemmeke, Guy De Pauw, Joris Driesen, Hogo Van hamme, Walter Daelemans. 'Towards a Self-Learning Assistive Vocal Interface: Vocabulary and Grammar Learning.' In: *Proceedings of the 1st Workshop on Speech and Multimodal Interaction in Assistive Environments (SMIAE)*, ACL, Jeju, Republic of Korea, 34-42, 2012.
266. Jort F. Gemmeke, Janneke van de Loo, Guy De Pauw, Joris Driesen, Hugo Van hamme, Walter Daelemans. 'A Self-Learning Assistive Vocal Interface Based on Vocabulary Learning and Grammar Induction.' *Proceedings of Interspeech 2012*, Portland, Oregon, 2012.

2012

267. Frederik Vaassen, Jeroen Wauters, Frederik Van Broeckhoven, Maarten Van Overveldt, Koen Eneman, Walter Daelemans. ‘Training Interpersonal Communication Skills Using Unconstrained Text Input.’ In: Patrick Felicia (ed.), *Proceedings of ECGBL 2012, The 6th European Conference on Games Based Learning*. Cork: Academic Publishing International, 505–513, 2012.
268. Mike Kestemont, Kim Luyckx, Walter Daelemans, Thomas Crombez. ‘Cross-Genre Authorship Verification using Unmasking.’ *English Studies. A journal of English language and literature*. 93:3, 340–356, 2012.
269. Kathy Rys, Walter Daelemans, Guy De Pauw, Steven Gillis. ‘Leermechanismen in tweedialectverwerving.’ *Tabu: Bulletin voor taalwetenschap*, 40, 59–88, 2012.
270. Enric Junqué de Fortuny, Tom De Smedt, David Martens, Walter Daelemans. ‘Media Coverage in Times of Political Crisis: a Text Mining Approach.’ *Expert Systems with Applications* 39:14, 11616–11622, 2012.
271. Tom De Smedt, Walter Daelemans. ‘Pattern for Python.’ *Journal of Machine Learning Research* 13, 2063–2067, 2012.
272. Mathias Verbeke, Roser Morante, Vincent Van Asch, Paolo Frasconi, Walter Daelemans, Luc De Raedt. ‘A statistical relational learning approach to identifying evidence based medicine categories.’ *Proceedings of the Joint Conference on Empirical Methods in Natural Language Processing and Computational Natural Language Learning*, Association for Computational Linguistics, Jeju island, Korea, 579–589, 2012.
273. Mike Kestemont, Kim Luyckx, Walter Daelemans, Thomas Crombez. ‘Evaluating unmasking for cross-genre authorship verification.’ In: Jan Christoph Meister (ed.), *Digital Humanities*, Hamburg, 249–252, 2012.
274. Mathias Verbeke, Paolo Frasconi, Vincent Van Asch, Roser Morante, Walter Daelemans, Luc De Raedt. ‘Kernel-based logical and relational learning with kLog for hedge cue detection.’ Stephen Muggleton, Alireza Tamaddoni-Nezhad, Francesca Lisi (eds.), *Proceedings of the 21st International Conference on Inductive Logic Programming*, LNCS, Volume 7207, Berlin: Springer, 347–357, 2012.
275. Mike Kestemont, Claudia Peersman, Benny De Decker, Guy De Pauw, Kim Luyckx, Roser Morante, Frederik Vaassen, Janneke van de Loo, Walter Daelemans. ‘The Netlog Corpus: a Resource for the Study of Flemish Dutch Internet Language.’ *Proceedings of the Eighth International Conference on Language Resources and Evaluation (LREC’12)*, Istanbul, European Language Resources Association, 1569–1572, 2012.
276. Enric Junqué de Fortuny Enric, Tom De Smedt, David Martens, Walter Daelemans. ‘Design and Evaluation of Empirical Models for Stock Price Prediction.’ Research Paper, University of Antwerp, Faculty of Applied Economics, 2012-017, 22 pages, 2012
277. Roser Morante, Walter Daelemans. ‘Annotating Modality and Negation for a Machine Reading Evaluation’. In: P. Forner, J. Karlgren, & C. Womser-Hacker (eds.), *CLEF 2012 Conference and Labs of the Evaluation Forum - Question Answering For Machine Reading Evaluation (QA4MRE)*, Rome, Italy, 9 pages, 2012.
278. Roser Morante, Martin Krallinger, Alfonso Valencia, Walter Daelemans. ‘Machine Reading of Biomedical Texts about Alzheimer’s Disease.’ In: P. Forner, J. Karlgren, & C. Womser-Hacker (eds.), *CLEF 2012 Conference and Labs of the Evaluation Forum - Question Answering For Machine Reading Evaluation (QA4MRE)*, Rome, Italy, 14 pages, 2012.
279. Roser Morante, Walter Daelemans. ‘ConanDoyle-neg: Annotation of negation in Conan Doyle stories.’ *Proceedings of the Eight International Conference on Language Resources and Evaluation (LREC’12)*, Istanbul, Turkey, European Language Resources Association, 1563–1568, 2012.
280. Tom De Smedt and Walter Daelemans. ‘Vreselijk mooi! (terribly beautiful): A Subjectivity Lexicon for Dutch Adjectives.’ *Proceedings of the Eight International Conference on Language Resources and Evaluation (LREC’12)*, Istanbul, Turkey, European Language Resources Association (ELRA), 3568–3572, 2012.
281. Ben Verhoeven, Walter Daelemans and Gerhard van Huyssteen. ‘Classification of noun-noun compound semantics in Dutch and Afrikaans.’ *Proceedings of the Twenty-Third Annual Symposium of the Pattern Recognition Association of South Africa*, Pretoria, South-Africa, 121–125, 2012.
282. Jurgita Kapociūtė-Dzikiėnė, Frederik Vaassen, Walter Daelemans, and Algis Krupavicius. ‘Improving topic classification for highly inflective languages.’ *Proceedings of COLING 2012, the 24th International Conference on Computational Linguistics*, Mumbai, 1393–1410, 2012.
283. Bram Vandekerckhove, Dominiek Sandra, Walter Daelemans. ‘Selective Impairment of Adjective Order Constraints as Overeager Abstraction: An Elaboration on Kemmerer et al. (2009).’ *Journal of Neurolinguistics*, Volume 26, Issue 1, 46–72, 2013.
284. Antal van den Bosch, Walter Daelemans. ‘Implicit Schemata and Categories in Memory-Based Language Processing’. *Language and Speech*, 2013.
285. Vincent Van Aschn and Walter Daelemans. ‘An Analytical Approach to Similarity Measure Selection for Selftraining.’ *BENELEARN 2013: Proceedings of the 22nd Belgian-Dutch Conference on Machine Learning*, Nijmegen, the Netherlands, 8–17, 2013.
286. Ben Verhoeven, Walter Daelemans and Tom De Smedt. ‘Ensemble Methods for Personality Recognition.’ *Proceedings of the Workshop on Computational Personality Recognition (Shared Task)*, Cambridge, Mass., 1–4 , 2013.

2013

287. Iris Hendrickx, Gosse Bouma, Walter Daelemans, Véronique Hoste. ‘COREA: Coreference Resolution for Extracting Answers for Dutch.’ Spyns et al. (eds), *Essential Speech and Language Technology for Dutch: results by the STEVIN-programme*, Berlin, Springer, 97–108, 2013.
288. Walter Daelemans. ‘Explanation in Computational Stylometry.’ Alexander Gelbukh (ed.) *Computational Linguistics and Intelligent Text Processing: 14th International Conference, CICling 2013*, Berlin, Springer, 451–462, 2013.
289. Tom De Smedt, Frederik De Bleser, Vincent Van Asch, Lucas Nijs, Walter Daelemans. ‘Gravital: Natural Language Processing for Computer Graphics.’ Tony Veale et al. (eds.). *Creativity and the agile mind: a multi-disciplinary study of a multi-faceted phenomenon*, Berlin, De Gruyter, 81–97, 2013.
290. Ben Verhoeven, Walter Daelemans, ‘Semantic Classification of Dutch Noun-Noun Compounds: A Distributional Semantics Approach.’ *Computational Linguistics in the Netherlands Journal*, 3, p. 2–18, 2013.
291. Roser Morante, Martin Krallinger, Alfonso Valencia, Walter Daelemans, ‘Machine Reading of Biomedical Texts about Alzheimer’s Disease.’ In: Pamela Forner (Ed.), *CLEF 2013 Evaluation Labs and Workshop: Online Working Notes*. Valencia, Spain: CLEF, p. 1–13, 2013.
292. Walter Daelemans, Véronique Hoste, ‘STYLENE: an Environment for Stylometry and Readability Research for Dutch.’ CLiPS Technical Research Report CTRS-004, 28 pages, 2013.
293. Bart Ons, Netsanet Tessema, Janneke van de Loo, Jort Gemmeke, Guy De Pauw, Walter Daelemans, Hugo Van hamme, ‘A Self Learning Vocal Interface for Speech-impaired Users.’ In: *Proceedings 4th Workshop on Speech and Language Processing for Assistive Technologies (SLPAT)*, Stroudsburg, PA: ACL, p. 73–28, 2013.
294. Netsanet Tessema, Bart Ons, Janneke van de Loo, Jort Gemmeke, Guy De Pauw, Walter Daelemans, Hugo Van hamme, ‘Metadata for Corpora PATCOR and Domotica-2.’ Technical report KUL/ESAT/PSI/1303, KU Leuven, ESAT, Leuven, Belgium, p. 1–5, 2013.
295. Jort Gemmeke, Bart Ons, Netsanet Tessema, Hugo Van hamme, Janneke van de Loo, Guy De Pauw, Walter Daelemans, Jonathan Huyghe, Jan Derboven, Lode Vuegen, Bert Van Den Broeck, Peter Karsmakers, Bart Vanrumste, ‘Self-taught assistive vocal interfaces: An overview of the ALADIN project.’ In: *Proceedings of Interspeech*, p. 2038–2043, 2013.
296. Ben Verhoeven, Menno van Zaanen, Walter Daelemans, Gerhard van Huyssteen. ‘Automatic Compound Processing: Compound Splitting and Semantic Analysis for Afrikaans and Dutch.’ In: Verhoeven et al. (eds). *Proceedings of the First Workshop on Computational Approaches to Compound Analysis (ComAComA 2014)*, Dublin, Ireland, p. 20–30, 2014.
297. Ben Verhoeven, Walter Daelemans, Menno van Zaanen, Gerhard van Huyssteen. *Proceedings of the First Workshop on Computational Approaches to Compound Analysis (ComAComA 2014)*. Held at the 25th International Conference on Computational Linguistics (COLING 2014). Dublin, Ireland, August 24, 2014, 91 pages.
298. Ben Verhoeven, Gerhard van Huyssteen, Menno van Zaanen, Walter Daelemans. ‘Annotation Guidelines for Compound Analysis.’ CLiPS Technical Report Series (CTRS) 5, 50 pages, 2014
299. Tom De Smedt, Lucas Nijs, Walter Daelemans. ‘Creative Web Services with Pattern.’ In: *Proceedings of the Fifth International Conference on Computational Creativity*. Ljubljana, Slovenia, 3 pages, 2014.
300. Ben Verhoeven and Walter Daelemans. ‘CLIPS Stylometry Investigation (CSI) Corpus: a Dutch Corpus for the Detection of Age, Gender, Personality, Sentiment and Deception in Text.’ In: *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC’14)*, ELRA: Reykjavik, Iceland, p. 3081–3085, 2014.
301. Georg Rehm, Hans Uszkoreit, Sophia Ananiadou, Nuria Bel, Audrone Bieleviciene, Lars Borin, Antonio Branco, Gerhard Budin, Nicoletta Calzolari, Walter Daelemans, Radovan Garabik, Marko Grobelnik, Carmen Garcia-Mateo, Josef Van Genabith, Jan Hajic, Inma Hernaez, John Judge, Svetla Koeva, Simon Krek, Cvetana Krstev, Krister Linden, Bernardo Magnini, Joseph Mariani, John Mcnaught, Maite Melero, Monica Monachini, Asuncion Moreno, Jan Odijk, Maciej Ogrodniczuk, Piotr Pezik, Stelios Piperidis, Adam Przepiorkowski, Eirikur Roegvaldsson, Michael Rosner, Bolette Pedersen, Inguna Skadina, Koenraad De Smedt, Marko Tadic, Paul Thompson, Dan Tufis, Tamas Varadi, Andrejs Vasiljevs, Kadri Vider, Jolanta Zabarskaite. ‘The Strategic Impact of META-NET on the Regional, National and International Level.’ In: *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC’14)*, ELRA: Reykjavik, Iceland, p. 1517-1524, 2014.
302. Enric Junqué de Fortuny, Tom De Smedt, David Martens, Walter Daelemans. ‘Evaluating and Understanding Text-Based Stock Price Prediction Models.’ *Information Processing and Management* 50:2, p. 426–441, 2014.
303. Tom De Smedt, Fabio Marfia, Matteo Matteucci, Walter Daelemans. ‘Using Wiktionary to Build an Italian Part-of-Speech Taggers.’ In: Elisabeth Métais, Mathieu Roche, Maguelonne Teisseire (Eds.). *Natural Language Processing and Information Systems. 19th International Conference on Applications of Natural Language to Information Systems, NLDB 2014*, Montpellier, France, Lecture Notes in Computer Science Volume 8455, p. 1–8, 2014.

2014

304. Francisco Rangel, Paolo Rosso, Irina Chugur, Martin Potthast, Martin Trenkmann, Benno Stein, Ben Verhoeven, Walter Daelemans. ‘Overview of the Author Profiling Task at PAN 2014.’ In: *CLEF 2014 Evaluation Labs and Workshop Working Notes Papers*, Sheffield, UK, 30 pages, 2014.
305. Efstathios Stamatatos, Walter Daelemans, Ben Verhoeven, Martin Potthast, Benno Stein, Patrick Juola, Miguel A. Sanchez-Perez, Alberto Barron-Cedeno. ‘Overview of the Author Identification Task at PAN 2014.’ In: *CLEF 2014 Evaluation Labs and Workshop Working Notes Papers*, Sheffield, UK, 21 pages, 2014.
306. Mathias Verbeke, Vincent Van Asch, Walter Daelemans, Luc De Raedt. ‘Lazy and Eager Relational Learning using Graph-Kernels.’ In: *Proceedings of the Second International Conference on Statistical Language and Speech Processing*, Grenoble, France, Springer LNAI/LNCS 8791, 163–176, 2014.
307. Dirk Snyman, Gerhard van Huyssteen, Walter Daelemans. ‘Outomatiese genreklassifikasie vir Afrikaans.’ *Die Suid-Afrikaanse tydskrif vir natuurwetenskap en tegnologie*, 33 (1), p. 1-12, 2014.
308. Ben Verhoeven, Juan Soler, Walter Daelemans. ‘Evaluating content-independent features for personality recognition.’ In *Proceedings of the 2014 ACM Multi Media on Workshop on Computational Personality Recognition. WCPR '14*, New York, ACM, 2014, p. 7-10.
309. Kathleen Van Royen, Karolien Poels, Walter Daelemans, Heidi Vandebosch. ‘Automatic Monitoring of Cyberbullying on Social Networking Sites: from Technical Feasibility to Desirability.’ *Telematics and Informatics* 32 (1), p. 89–97, 2015.
310. Bram Vandekerckhove, Dominiek Sandra, Walter Daelemans. ‘Effects of online abstraction on adjective order preferences.’ *Language, Cognition and Neuroscience* 30 (7), 816-831, 2015.
311. Nina Reviere, Aline Rémuel, Walter Daelemans. ‘The language of Audio Description in Dutch: Results of a Corpus Study.’ In: Anna Jankowska and Agnieszka Szarkowska (eds.), *New Points of View on Audiovisual Translation and Media Accessibility*, Bern: Peter Lang, p. 167-189, 2015.
312. Robert Grimm, Giovanni Cassani, Walter Daelemans, Steven Gillis. ‘Towards a Model of Prediction-based Syntactic Category Acquisition: First Steps with Word Embeddings.’ In: *Proceedings of the Sixth Workshop on Cognitive Aspects of Computational Language Learning (CogACL-2015)*, Association for Computational Linguistics, Lisbon, Portugal, p. 28–32, 2015.
313. Giovanni Cassani, Robert Grimm, Walter Daelemans, Steven Gillis. ‘Which Distributional Cues Help the Most? Unsupervised Contexts Selection for Lexical Category Acquisition.’ In: *Proceedings of the Sixth Workshop on Cognitive Aspects of Computational Language Learning (CogACL-2015)*, Association for Computational Linguistics, Lisbon, Portugal, p. 33-39, 2015.
314. Cynthia Van Hee, Els Lefever, Ben Verhoeven, Julie Mennes, Bart Desmet, Guy De Pauw, Walter Daelemans, Véronique Hoste. ‘Automatic Detection and Prevention of Cyberbullying.’ In: *The First International Conference on Human and Social Analytics (HUSO 2015)*, IARIA, St. Julians, Malta, p. 13–18, 2015. [Best paper award].
315. Elyne Scheurwegs, Kim Luyckx, Léon Luyten, Walter Daelemans, Tim Van den Bulcke. ‘Data Integration of Structured and Unstructured Sources for Assigning Clinical Codes to Patient Stays.’ *Journal of the American Medical Informatics Association*,
316. Cynthia Van Hee, Els Lefever, Ben Verhoeven, Julie Mennes, Bart Desmet, Guy De Pauw, Walter Daelemans and Veronique Hoste. ‘Detection and Fine-Grained Classification of Cyberbullying Events.’ In: Galia Angelova, Kalina Bontcheva, Ruslan Mitkov (eds.) *Proceedings of the 10th Recent Advances in Natural Language Processing (RANLP)*, Hissar, Bulgaria, p. 672-680, 2015.
317. Cynthia Van Hee, Ben Verhoeven, Els Lefever, Guy De Pauw, Veronique Hoste, Walter Daelemans. *Guidelines for the Fine-Grained Analysis of Cyberbullying, version 1.0.*, LT3 Technical Report - LT3 15.01., 16 pages, 2015.
318. Francisco Manuel Rangel Pardo, Fabio Celli, Paolo Rosso, Martin Potthast, Benno Stein and Walter Daelemans. ‘Overview of the 3rd Author Profiling Task at PAN 2015.’ In: *CLEF 2015 Evaluation Labs and Workshop Working Notes Papers*, CEUR Workshop Proceedings Volume 1391, Toulouse, France, 40 pages, 2015.
319. Efstathios Stamatatos, Walter Daelemans, Ben Verhoeven, Patrick Juola, Aurelio Lopez-Lopez, Martin Potthast and Benno Stein. ‘Overview of the Author Identification Task at PAN 2015.’ In: *CLEF 2015 Evaluation Labs and Workshop Working Notes Papers*, CEUR Workshop Proceedings Volume 1391, Toulouse, France, 17 pages, 2015.
320. Mike Kestemont, Justin Stover, Moshe Koppel, Folgert Karsdorp, and Walter Daelemans. ‘Authenticating the writings of Julius Caesar.’ *Expert Systems with Applications*, 63, p. 86–96, 2016.
321. Sarah Schulz, Guy De Pauw, Orphée De Clercq, Bart Desmet, Véronique Hoste, Walter Daelemans, and Lieve Macken. Multi-Modular Text Normalization of Dutch User-Generated Content. *ACM Transactions on Intelligent Systems and Technology (TIST)*, 7(4), article 61, p. 1–22, 2016.
322. Ellen Tobback, Hans Naudts, Walter Daelemans, Enric Junqué de Fortuny, and David Martens. Belgian Economic Policy Uncertainty Index: Improvement through Text Mining. *International Journal of Forecasting*, in press, 2016.

2015

2016

323. Georg Rehm, Hans Uszkoreit, Sophia Ananiadou, Walter Daelemans, et al. The Strategic Impact of META-NET on the Regional, National and International Level. *Language Resources and Evaluation* 50 (2), p. 351–374, 2016.
324. Claudia Peersman, Walter Daelemans, Reinhild Vandekerckhove, Bram Vandekerckhove, and Leona Van Vaerenbergh. ‘The Effects of Age, Gender and Region on Non-standard Linguistic Variation in Online Social Networks.’ 24 pages. arXiv:1601.02431 [cs.CL]
325. Vincent Van Asch and Walter Daelemans. ‘Predicting the Effectiveness of Self-Training: Application to Sentiment Classification.’ 9 pages. arXiv:1601.03288 [cs.CL]
326. Stéphan Tulkens, Simon Uster, and Walter Daelemans. ‘Using Distributed Representations to Disambiguate Biomedical and Clinical Concepts.’ Proceedings of the 15th Workshop on Biomedical Natural Language Processing, Association for Computational Linguistics, p. 77–82, Berlin, 2016.
327. Janneke van de Loo, Guy De Pauw, and Walter Daelemans. ‘Text-Based Age and Gender Prediction for Online Safety Monitoring.’ *International Journal of Cyber-Security and Digital Forensics (IJCSDF)* 5 (1), p. 46–60, 2016.
328. Stéphan Tulkens, Chris Emmery, and Walter Daelemans. ‘Evaluating Unsupervised Dutch Word Embeddings as a Linguistic Resource.’ *Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016)*, ELRA: Paris, France, p. 4130–4136, 2016.
329. Stéphan Tulkens, Simon Uster, and Walter Daelemans. ‘Using Distributed Representations to Disambiguate Biomedical and Clinical Concepts.’ *Proceedings of BNAIC-2016*, p. 190–191, 2016.
330. Ben Verhoeven, Walter Daelemans, and Barbara Plank. ‘TwiSty: a Multilingual Twitter Stylometry Corpus for Gender and Personality Profiling.’ *Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016)*, ELRA: Paris, France, p. 1–6, 2016.
331. Mike Kestemont, Guy de Pauw, Renske van Nie, and Walter Daelemans. ‘Lemmatization for variation-rich languages using deep learning.’ *Digital Scholarship in the Humanities*, in press, 2016.
332. Efstathios Stamatatos, Michael Tschuggnall, Ben Verhoeven, Walter Daelemans, Guenther Specht, Benno Stein, and Martin Potthast. ‘Clustering by Authorship Within and Across Documents.’ In: *CLEF 2016 Evaluation Labs and Workshop Working Notes Papers*, CEUR Workshop Proceedings Volume 1609, Evora, Portugal, p. 691–715, 2016.
333. Francisco Manuel Rangel Pardo, Paolo Rosso, Ben Verhoeven, Walter Daelemans, Martin Potthast, and Benno Stein. ‘Overview of the 4th Author Profiling Task at PAN 2016: Cross-Genre Evaluations.’ *CLEF 2016 Evaluation Labs and Workshop Working Notes Papers*, CEUR Workshop Proceedings Volume 1609, Evora, Portugal, p. 750–784, 2016.
334. Stéphan Tulkens, Lisa Hilde, Elyne Lodewyckx, Ben Verhoeven, and Walter Daelemans. ‘A Dictionary-based Approach to Racism Detection in Dutch Social Media.’ In: *Proceedings of the First Workshop on Text Analytics for Cybersecurity and Online Safety (TA-COS 2016)*, Portoroz, Slovenia, p. 1–7, 2016.
335. Ben Verhoeven, Walter Daelemans, and Barbara Plank. ‘Creating TwiSty: Corpus Development and Statistics.’ CLiPS Technical Report Series (CTRS), 6, p. 1–21, 2016.
336. Stéphan Tulkens, Lisa Hilde, Elyne Lodewyckx, Ben Verhoeven, and Walter Daelemans. ‘The Automated Detection of Racist Discourse in Dutch Social Media.’ *Computational Linguistics in the Netherlands Journal* 6, p. 3–20, 2016.
337. Mike Kestemont, Julian Stover, Moshe Koppel, Folkert Karsdorp, and Walter Daelemans. ‘Authorship Verification with the Ruzicka Metric.’ In: *Digital Humanities 2016: Conference Abstracts*. Jagiellonian University & Pedagogical University, Kraków, p. 246–249, 2016.
338. Lisa Hilde, Reinhild Vandekerckhove, and Walter Daelemans. ‘Expressiveness in Flemish online teenage talk: a corpus-based analysis of social and medium-related linguistic variation.’ In: *Proceedings of the 4th Conference on CMC and Social Media Corpora for the Humanities*, Ljubljana, Academic Publishing Division of the Faculty of Arts of the University of Ljubljana, p. 30–33, 2016.
339. Giovanni Cassani, Robert Grimm, Steven Gillis, and Walter Daelemans. ‘Constraining the Search Space in Cross-Situational Word Learning: Different Models make Different Predictions.’ *Proceedings of the 38th Annual Conference of the Cognitive Science Society*, Philadelphia, Pennsylvania, USA, p. 1152–1157, 2016.
340. Walter Daelemans. Book review of ‘Literary Detective Work on the Computer. Michael P. Oakes’. *Digital Scholarship in the Humanities*, Oxford: Oxford univ press, p. 222–223, 2017.
341. Simon Uster, Stephan Tulkens, and Walter Daelemans. ‘A Short Review of Ethical Challenges in Clinical Natural Language Processing.’ *Proceedings of the First ACL Workshop on Ethics in Natural Language Processing*, Association for Computational Linguistics, Valencia, p. 80–87, 2017.
342. Robert Grimm, Giovanni Cassani, Steven Gillis, and Walter Daelemans. ‘Facilitatory Effects of Multi-Word Units in Lexical Processing and Word Learning: a Computational Investigation.’ *Frontiers in Psychology* 8, 17 pages, 2017.
343. Giovanni Cassani, Robert Grimm, Steven Gillis, and Walter Daelemans. ‘Distributional Learning and Lexical Category Acquisition: What Makes Words Easy to Categorize?’ *Proceedings of the 39th Annual Conference of the Cognitive Science Society*, Austin, Texas, p. 216–221, 2017.

2017

344. Robert Grimm, Giovanni Cassani, Steven Gillis, and Walter Daelemans. ‘Evidence for a Facilitatory Effect of Multi-Word Units on Child Word Learning.’ *Proceedings of the 39th Annual Conference of the Cognitive Science Society*, Austin, Texas, p. 433-438, 2017.
345. Elyne Scheurwegs, Kim Luyckx, Leon Luyten, Bart Goethals, and Walter Daelemans. ‘Assigning Clinical Codes with Data-Driven Concept Representation on Dutch Clinical Free Text.’ *Journal of Biomedical Informatics*, 69, p. 118-127, 2017.
346. Kathy Rys, Emmanuel Keuleers, Walter Daelemans, and Steven Gillis. ‘Acquisition of Phonological Variables of a Flemish Dialect by Children Raised in Standard Dutch: Some Considerations on the Learning Mechanisms.’ In De Vogelaer et al. (eds) *Acquiring Sociolinguistic Variation*. Amsterdam: Benjamins, p. 267-304, 2017.
347. Enrique Manjavacas, Ewoud de Gussem, Walter Daelemans, and Mike Kestemont. ‘Assessing the Stylistic Properties of Neurally Generated Text in Authorship Attribution.’ In *Proceedings of the Workshop on Stylistic Variation.*, Copenhagen, ACL, p. 116-125, 2017.
348. Lisa Hilde, Reinhild Vandekerckhove, and Walter Daelemans. ‘Modeling Non-Standard Language Use in Adolescents’ CMC: the Impact and Interaction of Age, Gender and Education.’ In *Proceedings of the 5th Conference on CMC and Social Media Corpora for the Humanities (cmccorpora17)*, Bolzano : Eurac Research, p. 11-15, 2017.
349. Pieter Fivez, Simon uster, and Walter Daelemans. ‘Unsupervised Context-Sensitive Spelling Correction of English and Dutch Clinical Free-Text with Word and Character n-gram Embeddings.’ *Computational Linguistics in the Netherlands Journal* 7, p. 39-52, 2017.
350. Pieter Fivez, Simon uster, and Walter Daelemans. ‘Unsupervised Context-Sensitive Spelling Correction of Clinical Free-Text with Word and Character n-gram Embeddings.’ In: *16th Workshop on Biomedical Natural Language Processing*, ACL, p. 143-148, 2017.
351. Elyne Scheurwegs, Madhumita Sushil, Stéphan Tulkens, Walter Daelemans, and Kim Luyckx. ‘Counting Trees in Random Forests: Predicting Symptom Severity in Psychiatric Intake Reports.’ (*Journal of Biomedical Informatics*, Supplement, p. 112-119, 2017.
352. Marc Kemps-Snijders, Ineke Schuurman, Walter Daelemans, et al. ‘TTNWW to the Rescue: No Need to Know How to Handle Tools and Resources.’ In: Jan Odijk et al. (eds), *CLARIN in the Low Countries*. London: Ubiquity Press, p. 83-93, 2017.
353. Walter Daelemans, Orphée De Clercq, Véronique Hoste. ‘Stylene: an Environment for Stylometry and Readability Research for Dutch.’ In: Jan Odijk et al. (eds), *CLARIN in the Low Countries*. London: Ubiquity Press, p. 195-209, 2017.
354. Walter Daelemans. ‘A tourist in the AI-lab before the revolution.’ In: *Luc Steels: Growing Seeds*. Katrien Beuls et al. (Editor), Berger & Montag Publishers, p. 20-23, 2017.
355. Chris Emmery, Grzegorz Chrupala, Walter Daelemans. ‘Simple Queries as Distant Labels for Detecting Gender on Twitter.’ In: *Proceedings of the 3rd Workshop on Noisy User-generated Text*. Copenhagen, Denmark: Association for Computational Linguistics. p. 50-55, 2017.
356. Lea Canales, Walter Daelemans, Ester Boldrini and Patricio Martinez-Barco. ‘Towards the Improvement of Automatic Emotion Pre-annotation with Polarity and Subjective Information.’ In: *Proceedings of Recent Advances in Natural Language Processing (RANLP)*, Varna, Bulgaria, p. 157163, 2017
357. Lieve Beheydt, Bernard Sabbe, Livia De Picker, Jens Goetschalckx and Walter Daelemans. ‘Computational Language Analysis for Assessment of Schizophrenia.’ In: *Proceedings 6th International Conference on Cognitive and Behavioral Psychology (CBP 2017)*, p. 118-127, 2017.
358. Madhumita Sushil, Simon uster, Kim Luyckx, Walter Daelemans. ‘Unsupervised Patient Representations from Clinical Notes with Interpretable Classification Decisions.’ In: *Workshop on Machine Learning for Health* (at NIPS), Long Beach, CA, USA, 6 pages, 2017.
359. Michael Tschuggnall, Efstathios Stamatatos, Ben Verhoeven, Walter Daelemans, Günther Specht, Benno Stein, and Martin Potthast. ‘Overview of the Author Identification Task at PAN-2017: Style Breach Detection and Author Clustering.’ In Linda Cappellato, et al. (eds), Working Notes Papers of the CLEF 2017 Evaluation Labs, Volume 1866 of CEUR Workshop Proceedings, 22 pages, 2017.
360. Elyne Scheurwegs, Boris Cule, Kim Luyckx, Leon Luyten, and Daelemans Walter. ‘Selecting Relevant Features from the Electronic Health Record for Clinical Code Prediction.’ *Journal of Biomedical Informatics* 74 (2017), p. 92-103, 2017.
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Invited Lectures

1. University of Sussex, invited lecture on “Applications of a model of Dutch morphophonology”, invitation Gerald Gazdar, School for Cognitive and Computing Sciences, Brighton, UK, June 20, 1988.
2. University of Edinburgh, invited lecture on “A model of Dutch Morphophonology”, invitation Jo Calder, Centre for Cognitive Sciences, Edinburgh, UK, July 28, 1988.
3. University of Gent, invited lecture on “Object-oriented Approach to Modeling of linguistic knowledge”, invitation Prof. Y. Willems, Computer Science Laboratory, Gent, Belgium, November 14, 1988.
4. Tilburg University, invited lecture on “Object-oriented Linguistics”, invitation Prof. H. Bunt, Institute for Language Technology and Artificial Intelligence, Tilburg, The Netherlands, January 5, 1989.
5. Mechelen, Belgium, invited lecture on “Artificial Intelligence”, invitation Prof. Despontin, January 19, 1989.
6. Workshop Linguistic Analysis and Speech Technology, invited lecture on “GRAFON-D: An Object-oriented system for grapheme to phoneme conversion”, invitation Ton van der Wouden, Leiden, The Netherlands, 26-27 January, 1989.
7. University of Nijmegen, invited lecture on “Object-oriented Linguistics”, invitation Prof. G. Kempen, NICI, Nijmegen, The Netherlands, February 23, 1989.
8. International Center for Semiotic and Cognition Studies, keynote speaker advanced workshop on ‘Connectionism and Language’, lecture on “Soft Constraints and Hard Rules in the Lexicon”, invitation Prof. S. Cerri, San Marino, Italy, 11-13 October, 1989.
9. Vlaams Filologencongres, invited Lecture on “Biological Metaphors in Natural Language Processing”, invitation Prof. T. Venckeleer, Brussels, Belgium, October 27, 1990.
10. Tilburg University, invited lecture on “Inheritance in Natural Language Processing”, invitation Prof. H. van Riemsdijk, Tilburg, The Netherlands, October 31, 1990.
11. University of Leuven, computer science department, invited lecture on “Selectionism in natural language processing”, invitation Prof. Y. Willems, Leuven, Belgium, November 15, 1990.
12. University of Nancy, CRIN, invited talk on “Lexical research at ITK”, invitation Dr. Guy Deville, Nancy, France, January 8, 1991.
13. University of Nijmegen, Lezingendag werkgemeenschap Taal en Geheugen (Aspecten van AI onderzoek), invited lecture on “Taalkundige toepassingen van default inheritance”, (with Koenraad De Smedt), invitation Dr. Henk van Jaarsveld, Nijmegen, The Netherlands, January 23, 1991.
14. Workshop on Computational Phonology and Morphology (University of Bielefeld), invited lecture on “Connectionist and Selectionist Approaches to phonological acquisition”, invitation Prof. Dafydd Gibbon, Bielefeld, Germany, October 23, 1991.
15. Invited lecture LIKE Colloquium, “Evaluation of Lexical Representation Formalisms”, (with Erik-Jan van der Linden), invitation Dr. Hans Weigand, Tilburg, The Netherlands, January 23, 1992.
16. Natural Language Processing Seminars on “Issues in Computational Semantics” and “Structure and Organisation of Computational Lexicons”. University of Brussels, invitation Prof. Steels, Brussels, Belgium, February 17, 1992.
17. NATO Advanced Research Workshop, invited poster presentation “An intelligent Environment for learning to program AI Formalisms”, invitation Enrica Lemut, S. Margherita, Genova, Italy, March 18, 1992.
18. International Workshop of the EAMT on Machine Translation and the Lexicon, invited paper on “A generic architecture for data-oriented lexical acquisition.”, invitation Petra Steffens (IBM), Heidelberg, Germany, April 26-28, 1993.
19. Colloquium of the Centre for Computational Linguistics, invited paper on “A generic architecture for data-oriented lexical acquisition.”, invitation Geert Adriaens, Leuven, Belgium, May 28, 1993.
20. Second Workshop on the Cognitive Science of Natural Language Processing, invited paper on “A generic architecture for data-oriented lexical acquisition.” Invitation Andy Way, Dublin, Ireland, July 26-27, 1993.
21. Contactdag ‘Spraaaktechnologie’ Vlaanderen - Nederland, invited contribution “Automatische inductie van taalkennis t.b.v. spraaksynthese.” Invitation: Dr. R. Herman, Kasteel van Ham, Steenokkerzeel, November 19, 1993.
22. Elsnnet/Mlnet Workshop on Machine Learning of Natural Language and Speech, invited paper on “Case-Based Natural Language Learning.” Amsterdam, The Netherlands, December 2-3, 1994.
23. Seminar AI Group, University of Osnabrück, invited paper on “Case-Based Learning of Natural Language.” Invitation Dr. Bart Geurts, Germany, January 31, 1995.
24. Seminar Linguistics department, University of Göteborg, invited paper on “Case-Based Learning of Natural Language.” Invitation Dr. Joakim Nivre, Sweden, May 16, 1995.
25. Seminar department of Biophysics, University of Nijmegen, invited paper on “Lazy Learning as an alternative to connectionist learning”. Invitation Dr. H. Kappen, May 23, 1995.

26. Seminar on Data-oriented and Memory-based Language Processing, Tilburg University, invited paper on “Memory-Based Language Processing.” Invitation Jakub Zavrel, June 6, 1995.
27. ESSLLI 95 Workshop on Formal and Computational Phonology, invited paper “Unsupervised Discovery of Phonological Categories through Supervised Learning of Morphology.” invitation: Mark Ellison, Barcelona, August 23, 1995.
28. ESSLLI 95 Workshop on The Computational Lexicon, keynote paper “Memory-Based Lexical Acquisition”, invitation: M. Felisa Verdejo, Barcelona, August 25, 1995.
29. CLIF workshop on The Future of Language Technology in Flanders, invited paper on “Language Technology without Linguistics?”, Antwerp, November 30, 1995.
30. Colloquium of the Centre for Computational Linguistics, invited paper on “Automatic discovery of linguistic rules and categories.”, invitation Frank Van Eynde, Leuven, Belgium, January 12, 1996.
31. Psychology Colloquium, invited lecture on “Memory-Based Acquisition and Processing of Language.”, invitation Gerard Kempen, Leiden, The Netherlands, May 7, 1996.
32. NIAS Workshop on Computational Models of Human Syntactic Processing, invited lecture on “Memory-based language acquisition and processing.” (with Gillis), invitation Koenraad De Smedt, Wassenaar, The Netherlands, June 6, 1996.
33. Sixth Belgian-Dutch Conference on Machine Learning, invited paper on “Abstraction Considered Harmful: Lazy Learning of Language Processing”. Invitation: van den Herik, Maastricht, The Netherlands, September 20, 1996.
34. CLS Opening Academic Year, invited lecture on “Experience-Driven Language Acquisition and Processing.” Invitation: CLS board, Tilburg, The Netherlands, October 11, 1996.
35. Seminar on Philosophical and Computational Approaches to Analogy, Tilburg University, invited paper on “Exemplar-Based Language Acquisition and Processing.” Invitation Jakub Zavrel, April 4, 1997.
36. Belgian Artificial Intelligence Day, invited paper on “Machine Learning of Natural Language Processing.” Invitation Luc De Raedt, Leuven, April 28, 1997.
37. Linguistics Seminar, invited presentation on “Memory-Based Language Engineering.”, invitation Vera Kamp-huis, Nijmegen, May 7, 1997.
38. International Cognitive Linguistics Conference, invited theme session paper on “Exemplar-based Language Acquisition and Processing.” (Invitation: David Powers), July 18, 1997.
39. NeMLap-3 invited lecture “Abstraction is harmful in language learning.”, Sydney, Australia, January 15, 1998. (Invitation Powers and Somers).
40. ECML workshop Towards adaptive NLP-driven systems (TANLPS), invited lecture, “Memory-Based Language Engineering.” Chemnitz, April 24, 1998. (invitation, R. Basili).
41. SIKS Theme Day Natural Language and Intelligent Knowledge Systems, invited lecture on “Lazy Language Learning”, (invitation, H. Weigand), Tilburg, May 13, 1998.
42. Second Workshop in Computationally-intensive Methods in Quantitative Linguistics, invited presentation on “Linguistics as Data Mining: Using Machine Learning Techniques to Discover Linguistic Generalizations”, Glasgow, Scotland, September 7-9, 1998, invitation: Fiona Tweedie.
43. Radarworkshop Language and Speech Technology, invited presentation on “Language Technology in Flanders.”, Rotterdam, The Netherlands, February 3, 1999.
44. Seminarie voor onderwijskundige professionalisering, invited presentation on “Internet for Linguistics and Literary Science.”, Antwerpen, May 5, 1999.
45. XV Congreso de la Sociedad Española para el Procesamiento del Lenguaje Natural (SEPLN), invited keynote speaker on “Shallow Parsing with Examples.”, LLeida. September 7-9, 1999.
46. Artificial Intelligence and Beyond 2, invited lecture on “Empirical Natural Language Processing.” Ieper, December 15, 1999. Invitation: Lea Vermeire.
47. VUB Brussels, invited lecture on “Empirical Natural Language Processing.” Brussels, Belgium, January 12, 2000. Invitation: Bernard Manderick.
48. Erasmushogeschool, invited lecture on “Zelflerende Taaltechnologie” Brussel, Belgium, February 15, 2000. Invitation: Lucia Luyten.
49. Analogical Modeling of Language Conference, invited lecture on “Comparison of AML to memory-based language processing.” Provo, Utah, USA, March 23, 2000. Invitation: Royal Skousen.
50. UIA Studium Generale, Wetenschap en Samenleving, invited lecture “Mogelijkheden en grenzen van de taal-technologie. De computer begrijpt (nog) niet zo veel.”, Antwerpen, Belgium, 6 November, 2000. Invitation: prof. dr. Verbeure.
51. ICCS Colloquium, invited lecture on “A memory-based single route model for German plurals.” University of Edinburgh, 7 december, 2000. Invitation: Johanna Moore.

52. ICCS Colloquium, invited lecture on “Memory-based shallow parsing.” University of Edinburgh, 8 december, 2000. Invitation: Johanna Moore.
53. Advanced course on Full-Text Information Retrieval Methods. Invited contribution on “k-NN classification.”, Nijmegen, The Netherlands, March 5-6, 2001. Invitation: Kees Koster.
54. Trends in Special Language and Language Technology, invited panel coordination Mastering Tools and Technology, Brussels, Flemish Parliament, 29-30 March, 2001. Invitation: Rita Temmerman.
55. Computerlinguistisches Kolloquium, Invited lecture on “Memory-Based Language Processing: Perspectives from Language Technology and Computational Psycholinguistics.”, Saarbruecken, Germany, June 7, 2001. Invitation: Matthew Crocker.
56. Workshop on Morphological Processing, invited paper on “A memory-based single-route model for German and Dutch plurals.” Nijmegen, MPI, The Netherlands, June 11-14, 2001. Invitation: Harald Baayen.
57. SENSEVAL 2 Workshop, invited contribution to panel on ‘What kind of sense distinctions are hardest for systems to make.’, Toulouse, France, July 5-6, 2001. Invitation: Martha Palmer.
58. Euroconference Recent Advances in Natural Language Processing (RANLP), invited lecture on “Memory-Based Language Processing.”, Tsigov Chark, 5-7 September, 2001. Invitation: Ruslan Mitkov.
59. Colloquium Academisch Genootschap Sint-Albertus, invited paper on “Language Technology: Achievements and Limitations”. Genk, December 21, 2001. Invitation: Dr. P. Michels.
60. Natural Language and Computational Linguistics seminar, invited seminar on “Limitations of Current Methodology in Machine Learning of Natural Language”. Brighton, University of Sussex, January 17th, 2002. Invitation: John Carroll.
61. Seminarie Informatica, invited lecture on “Kennnis uit Tekst: inleiding tot de text mining.”, Antwerp, Aula University of Antwerp, March 20, 2002. Invitation: Brigitte Verdonk.
62. ESSLLI’2002 Workshop on Machine Learning approaches in Computational Linguistics, invited speaker “Machine Learning of Language, a model and a problem.”, Trento, Italy, August 5, 2002. Invitation: Erhard Hinrichs.
63. DAWAK 2002 (Data Warehousing and Knowledge Discovery), invited talk on “Text Mining Applications of a Shallow Parser.”, Aix-en-Provence, France, September 4, 2002. Invitation: Werner Winiwarter.
64. XVIII Congreso de la SEPLN, invited speaker, “Limitations of comparative machine learning methodology for language technology.”, Valladolid, September 11, 2002. Invitation: Valentin Cardenoso Payo.
65. Workshop on Quantitative Investigations in Theoretical Linguistics, invited talk, “Machine Learning for Linguistics.”, Osnabrück, Germany, October 5, 2002. Invitation: Anke Lüdeling.
66. Symposium on recent trends in data mining, invited talk “Instance-Based Learning for Text Mining.” Leuven, Belgium, October 11, 2002. Invitation: Hendrik Blockeel.
67. Language Technology in Norwegian: The Norwegian Language Bank, invited talk “BLARK: Basic Language Resources Toolkit / The Corpus Spoken Dutch” and invited talk “Learning Text Mining.”, Bergen, Norway, October 24-25, 2002. Invitation: Koenraad De Smedt.
68. National University of Singapore, invited talk “Pitfalls in comparative machine learning methodology for natural language processing ”, NUS, Singapore, February 11, 2003. Invitation: Hwee Tou Ng.
69. I2R Institute for Information and Communication Research, invited talk “Memory-Based Shallow Parsing”, Singapore, February 13, 2003. Invitation: dr. Jian Su.
70. DSO National Laboratories. invited talk “Text Mining at CNTS”, Singapore, February 14, 2003. Invitation: dr. Khee Yin How.
71. Meaning workshop, invited talk “Optimization in Machine Learning of Word Sense Disambiguation”, San Sebastian, Spain, April 11, 2003. Invitation: Eneko Agirre.
72. CGN workshop, invited panel contribution “Desiderata corpora language technology.” Nijmegen, May 16, 2003. Invitation: Harald Baayen.
73. Formal Grammar Vienna, invited talk “Exemplar-Based Language Models”, Vienna, August 17, 2003. Invitation: Paula Monachesi.
74. International Colloquium on Multilingualism and Electronic Information management, invited paper “Annotated Corpora for Fast Shallow Parsing for Text Mining.”, Bloemfontein, South-Africa, September 23, 2003. Invitation: Theo du Plessis.
75. Workshop on partnership: SA-Dutch Language Union on Development of Human Language Technologies. Possibilities and Challenges, invited paper “A report on basic resources for Dutch Language and Speech Technology.”, Bloemfontein, South-Africa, September 23, 2003. Invitation: Theo du Plessis.
76. Vlaams Parlement, interparlementaire commissie Nederlandse Taalunie, invited contribution on “Taal- en spraaktechnologie in Nederland en Vlaanderen in 2003”, Brussel, November 3, 2003. Invitation: Koen Jaspaert.

77. Workshop on Grammars and Learning. Invited paper “Example-Based Language Learning: Generalization does not equal abstraction.”, Utrecht, Netherlands, November 14, 2003. Invitation: Michael Moortgat.
78. Invited tutorial presentation on “Memory-based Language Processing.” PASCAL workshop on Learning Methods for Text Understanding and Mining, Grenoble, France, January 26-29, 2004. Invitation: Nicola Cancedda.
79. Invited talk on “Shallow Understanding for Text Mining” Colloquium on multimodal information extraction, Nijmegen, The Netherlands, May 12, 2004. Invitation: Folkert De Vriend.
80. Invited talk on “Optimization in Machine Learning of Word Sense Disambiguation.” Language and Inference Technology group (LIT) research seminar, Amsterdam, The Netherlands, May 14, 2004. Invitation: Maarten de Rijke.
81. Invited speaker, EsTAL - ESPANA for NATURAL LANGUAGE PROCESSING conference, paper on “Reusable Text Analysis for Applications.”, Alicante, Spain, October 20-22, 2004. Invitation: Manuel Palomar.
82. STEVIN-meeting Language and Speech Technology and the ICT market. Invited workshop contribution “What do companies want from the knowledge infrastructure.”, Antwerpen, provinciehuis, March 2, 2005.
83. Department of Psychology, University of Ghent, invited talk on “Computational Models of Inflectional Morphology.” Gent, March 8, 2005. Invitation: Tom Verguts.
84. Congres Media Accessibility, invited presentation on “Automatic text compression for subtitling.” Barcelona (Universidad Autonoma), June 8, 2005. Invitation: Aline Remael.
85. LingForum Ghent. Invited talk on “Trends in Computational Linguistics.” Ghent, November 8, 2005. Invitation: Evie Coussé.
86. Experimental Methods in Language Acquisition Research (EMLAR-II), invited tutorial on “Simulation”, Utrecht, November 17, 2005. Invitation: Esther Ruigendijk.
87. Conference on Natural Language Learning (CoNLL X). Keynote paper on “A Mission for Computational Natural Language Learning.” New York, USA, June 8, 2006. Invitation: Lluís Marquez.
88. Data Mining Day, invited contribution on “Text Mining”, Antwerp, Belgium, June 15, 2006. Invitation: Bart Goethals.
89. Tecnologies de la Llengua: Tècniques d'aprenentatge automàtic, invited seminar on “Comparison of Machine Learning Techniques.” Centre Ernest Lluch, Barcelona, July 6, 2006. Invitation: Marsal Gavaldà.
90. Panel discussion on “History, current status, and future of AI.” BNAIC Conference, Namur, Belgium, October 5, 2006. Invitation: Edwin de Jong.
91. Symposium *50 Years AI*. Invited talk on “Natural Language Processing”. Academiegebouw, Brussels, Belgium. November 23, 2006. Invitation: Luc Steels.
92. StatUA seminar. Invited talk on “The statistical revolution in natural language processing: eager and lazy language learning from text data.” Antwerp, Belgium, March 22, 2007. Invitation: Peter Goos.
93. NODALIDA 2007, the 16th Nordic Conference of Computational Linguistics, invited talk on “Text Analysis and Machine Learning for Stylometrics and Stylogenetics.” Tartu, Estonia, May 26, 2007. Invitation: Joakim Nivre.
94. Workshop on Machine Learning and Cognitive Science of Language Acquisition, invited lecture on “Memory-based models of inflectional morphology acquisition and processing.” London, UK, June 22, 2007. Invitation: Alex Clark.
95. LSSA/SAALA/SAALT joint conference, invited lecture on “Memory-based shallow parsing for fast development of linguistic tools and modules.” Potchefstroom, South-Africa, July 4, 2007. Invitation: Bertus van Rooy.
96. LSSA/SAALA/SAALT joint conference, workshop on Rekenaarlinguïstiek. Invited talk on “Recent approaches to MT evaluation.” Potchefstroom, South-Africa, July 5, 2007. Invitation: Gerhard van Huyssteen.
97. ESF Exploratory Workshop on Models of Language Evolution, Acquisition and Processing. Invited paper on “Memory-Based Learning”, Leuven, Belgium, November 27, 2007. Invitation: Lou Boves.
98. Dublin Computational Linguistics Research Seminar Series, invited talk on “Text Analysis and Machine Learning for Personality and Author Detection from Text.” Dublin, Ireland, March 7, 2008. Invitation: Josef Van Genabith.
99. Information Retrieval Seminar ‘What’s on in Computing Science?’, invited talk on “Author Personality and Identity Detection with Limited Data from Many Authors”, Glasgow, Scotland, June 23, 2008. Invitation: Leif Azzopardi.
100. Workshop on HLT Collaboration between South Africa and the Low Countries, invited presentation on “Research on Human Language Technologies in Flanders.” Monkey Valley, South-Africa, 24-25 November, 2008. Invitation: Dutch Language Union.
101. Wetenschappelijk Interdisciplinair Seminarie (WIS), invited lecture on “Progress in Natural Language Understanding’.” Antwerpen, May 20, 2009. Invitation: Kim Volders.

102. Lentecyclus of the Centrum voor Europese Cultuur van de Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunst, invited lecture on “Automatisch vertalen tussen taalkunde en statistiek” (Machine Translation between linguistics and statistics.), Brussels, May 27, 2009. Invitation: Sophie Dejaegher.
103. International Summer School on Embodied Language Games and Construction Grammar, invited lecture on “Memory-Based Language Processing”, invited tutorial on “Parsing Technologies.” Cortona, Italy, August 29 - September 4, 2009. Invitation: Vanessa Micelli.
104. RANLP 2009 invited keynote lecture on “Robust Features for Computational Stylometry.” Borovec, Bulgaria, September 16, 2009. Invitation: Ruslan Mitkov.
105. Technical University Eindhoven, invited lecture on “Machine learning for Computational Stylometry”, Eindhoven, The Netherlands, September 22, 2009. Invitation: Christian Guenther.
106. ESF SCH Exploratory Workshop: Words In Action: Interdisciplinary Approaches To Understanding Word Processing And Storage, invited contribution on “Memory-Based Morphological Processing.” Pisa, Italy, October 11-14, 2009. Invitation: Vito Pirrelli.
107. University of Groningen, invited lecture on “Computational Stylometry: Linguistic Features for Authorship Attribution”, Groningen, November 13, 2009. Invitation: Myrte Gosen.
108. Computer Science VIII: Artificial Intelligence Unit, TU Dortmund. Invited talk about “Machine Learning for Text Mining.”, Dortmund, Germany, January 21st, 2010. Invitation: Katharina Morik.
109. National Centre for Text Mining (NACTEM), invited lecture on “Text Mining in the Biograph project.” Wednesday 17th March, 2010. Invitation: Sophia Ananiadou.
110. USC/ISI NL Seminar on “Robust features for Computational Stylometry.” Los Angeles, USA, April 30, 2010. Invitation: Ed Hovy.
111. ACL DANLP workshop, invited panel contribution on domain adaptation. Uppsala, Sweden, July 15, 2010. Invitation: Jörg Tiedemann.
112. ActUA, XIIth Spectrum series, invited lecture on “Computertaalkunde: rekenen met taal.” Antwerp, Belgium, November 25, 2010. Invitation: Ludwig Callaerts.
113. Workshop on ‘Mechanisms of early language acquisition: computational modeling and human data’, invited talk on “Implicit schemata and categories in memory-based language acquisition and processing’.” Utrecht, The Netherlands, February 24, 2011. Invitation: Frans Adriaans.
114. CIMEC Research Seminars invited talk on “Computational Stylometry.” April 21, 2011. Invitation: Massimo Poesio.
115. Biomina kick-off symposium, invited talk on “Advances in biomedical text mining.” University Hospital Antwerp, June 29, 2011. Invitation: Tim Van den Bulcke.
116. CLEF workshop on Question Answering for Machine Reading Evaluation, invited keynote talk on “Text Mining in Biograph.” Amsterdam, September 20, 2011. Invitation: Anselmo Peñas.
117. Taal in Bedrijf, invited talk “CSI Facebook: profiling met computerstylometrie in sociale media.” Rotterdam, November 29, 2011. Invitation: Jan Odijk.
118. Lectures on Language Technology and Cognition. Invited talk on “Computational Stylometry.” Uppsala, Sweden, March 9, 2012. Invitation: Joakim Nivre.
119. Forensic Intelligence. Intelligent Data-Analysis for Safety & Security. Invited talk on “Automatische profilering van gebruikers en gesprekken in sociale media.” Den Haag, NFI, 14 juni, 2012. Invitation: Cor Veenman.
120. Text, Speech and Dialogue Conference. Invited talk on “Computational Stylometry.” Brno, Czech Republic, September 7, 2012. Invitation: Ales Horak.
121. CENTAL seminar. Invited talk on “Author Profiling: extracting psychological and sociological properties of authors from text.” UCL, Louvain-La-Neuve, November 30, 2012. Invitation Noémi Boubel.
122. MTT Research Seminar. Invited talk on “Applications of text analytics in social media.” Antwerpen, March 15, 2013. Invitation: David Martens
123. 14th International Conference on Intelligent Text Processing and Computational Linguistics, CICLing-2013. Invited talk on “Explanation in Computational Stylometry.” Samos, Greece, March 26, 2013. Invitation: Aleksander Gelbukh.
124. CSIR Lectures. Invited talk on “Everybody Lies: finding clues about personality and deception in text.” CSIR, Pretoria, South-Africa, April 18, 2013. Invitation: Febe de Wet.
125. CTEXT Colloquia. Invited talk on “Everybody Lies: finding clues about personality and deception in text.” CTEXT, Potchefstroom, South-Africa, April 19, 2013. Invitation: Gerhard Van Huyssteen.
126. TLA lectures on e-humanities in Action. Invited talk on “Detecting author personality from text.” MPI, Nijmegen, The Netherlands, May 15, 2013. Invitation: Sebastian Drude.
127. CAPRI Research Club. Invited talk on “Text analytics for detection of Alzheimer and Schizophrenia: outlook and problems.”, Antwerp, May 21, 2013. Invitation: Livia De Picker.

128. Computational Linguistics Colloquium Saarbrücken. Invited talk on “Machine Learning of Personality Assignment and Deception Detection” Saarbrücken, July 25, 2013. Invitation: Dietrich Klakow.
129. Digital Humanities Summer School. Invited talk on “Stylene: an environment for stylometry and readability research.” (with Hoste), Leuven, September 20, 2013. Invitation: Frank Van Eynde.
130. TEDx Flanders Salon. Invited talk on “Computertaalkunde.” Atlas Antwerp, November 14, 2013. Invitation: Rachid Atia.
131. ProSecco Network First Annual Contact Forum, invited talk on “Computational Stylometry.” El Escorial, Spain, 21-23 February 2014. Invitation: Tony Veale.
132. Symposium on The Road Toward Human-Level Artificial Intelligence, invited paper on “The way back from Text Mining to Text Understanding.” Tilburg, April 22, 2014. Invitation: Harry Bunt.
133. University of Antwerp information session on bequeathing. Invited presentation on “software for detecting cyberpedophilia in social networks”. University of Antwerp, April 28th, 2014. Invitation: Tinne Marynissen, University Fund.
134. CRISSP Seminar series. Invited talk on “Three levels of knowledge extraction from text.” KU Leuven Brussels, May 19, 2014. Invitation: Tanja Temmerman.
135. 5th International Workshop on emotion, social signals, sentiment and linked open data. Invited talk on “Profiling and sentiment mining for detecting threatening situations in social networks: the AMiCA project.” Reykjavik, Iceland, May 26, 2014. Invitation: Paul Buitelaar.
136. J&J Security Awareness Week, invited talk on “The AMiCA project: online safety for children in social networks.” Beerse, Belgium, June 16, 2014. Invitation: Guy Calomme.
137. Technical University Darmstadt, LKE/KDSL, invited talk on “The AMiCA project: computational stylometry for online safety of children in social networks.” Darmstadt, Germany, July 28th, 2014. Invitation: Iryna Gurevych.
138. Sixth International Conference on Human Language Technologies, keynote on “Machine Learning Approaches to Computational Stylometry.” Kaunas, Lithuania, September 26th, 2014. Invitation: Jurgita Kapoite-Dzikien.
139. University of Copenhagen, Centre for Communication and Computing, invited talk on “Author Profiling for Cybersecurity: The AMiCA Project.” Copenhagen, Denmark, June 25th, 2015. Invitation: Barbara Plank.
140. 14th International Pragmatics Conference, plenary lecture on “Profiling social media text: The AMiCA project.” Antwerp, Belgium, July 31, 2015. Invitation: Jef Verschueren.
141. 13th Evaluation Lab on Uncovering Plagiarism, Authorship, and Social Software Misuse, keynote on “Profiling in Practice.” Toulouse, France, September 9, 2015. Invitation: Martin Potthast.
142. Dagstuhl workshop on Debating Technologies, invited participation and talk on “Profiling and Argumentation.”, Schloss Dagstuhl, Germany, December 13–18, 2015. Invitation: organizers.
143. ELRC BELGIUM Workshop, invited talk on “Languages and language technologies in Belgium.”, Ghent, Belgium, April 13, 2016. Invitation: Véronique Hoste.
144. Summer School on Human Language: From Genes and Brains to Behavior (Language in Interaction Project), invited contribution on “The robot stylometrist.”, Berg en Dal, The Netherlands, July 14, 2016. Invitation: Peter Hagoort.
145. 7th Workshop on Cognitive Aspects of Computational Language Learning (CogACLL), invited panelist panel on “Cognitive Computational Modeling: NLP innovations and trends for the future.”, Berlin, Germany, August 11, 2016. Invitation: Aline Villavicencio.
146. International FRUCT conference on Intelligence, Social Media and Web (ISMW FRUCT), invited tutorial on “Language Technology for Cybersecurity.” and invited keynote talk on “Detecting age, gender, and personality of social media authors.”, Saint Petersburg, Russia, September 1-3, 2016. Invitation: Paolo Rosso.
147. 4th International Conference on Statistical Language and Speech Processing (SLSP 2016), invited lecture on “Advances in Statistical Approaches to Personality Prediction from Text.”, Pilsen, Czech Republic, October 11-13, 2016. Invitation: Carlos Martín-Vide
148. EVALITA 2016 (Evaluation of NLP and speech tools for Italian), invited talk on “Profiling the Personality of Social Media Users.”, Napoli, Italy, December 7, 2016. Invitation: Malvina Nissim.
149. Volkssterrenwacht Urania, invited presentation on “Een nieuwe lente voor de Artificiële Intelligentie?” Hove, Belgium, February 2, 2017. Invitation: Jef De Wit.
150. CCL 25, invited presentation on “Computational Linguistics in Flanders (CLIF): 1995-2010”, Leuven, Belgium, February 9, 2017. Invitation: Frank Van Eynde.
151. B-Debate on AI: Dreams, Reality, and Risks, invited lecture on “Advances in Natural Language Processing and how they can bring truth, security, and order in cyberspace.” Barcelona, Spain, March 7-8, 2017. Invitation: Luc Steels.

152. SIKS Symposium Ripples of Real-world Events on Social Media, invited talk on “Text analysis for social media moderation.” Nijmegen, The Netherlands, March 21, 2017. Invitation: Florian Kunneman.
153. Workshop on Stylistic Variation, invited talk on “Problems in Personality Profiling.” Copenhagen, Denmark, September 8, 2017. Invitation: Julian Brooke.
154. KVAB Artificiële intelligentie - studiedag & debat, invited talk on “Automatische verwerking van natuurlijke taal” Brussels, Academy building, September 19, 2017. Invitation: Luc Steels.
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Conference and Workshop Contributions

1. Demonstration Language Technology software: Symposium Computational Linguistics, University of Antwerp, Belgium, June 29, 1984; Symposium Language Technology, University of Tilburg, The Netherlands, April, 1 1985; NIP Spring Conference, University of Nijmegen, The Netherlands, June 7, 1985.
2. Academic Meeting University of Brussels, invited speaker on ‘Artificiële Intelligentie en Natuurlijke Taal’ (Artificial Intelligence and Natural Language), invitation Prof. Loccufer, Brussels, Belgium, February 14, 1987.
3. Third ACL conference (European Chapter), ‘A Tool for the automatic creation, extension and updating of lexical knowledge bases’, accepted paper, Copenhagen, Denmark, 1-3 April, 1987.
4. Second International Conference and Exhibition on Children in the Information Age, ‘Artificial Intelligence Tools for Grammar and Spelling Instruction’ (with Fiery Pijls and Gerard Kempen), accepted paper, Sofia, Bulgaria, 19-23 May, 1987.
5. Fourth Esprit Conference 1987, ‘Representation Aspects of Knowledge-based Office Systems’ (with Kris van Marcke and Viviane Jonckers), accepted paper, Brussels, Belgium, 28-30 September, 1987.
6. Fourth International Conference on Text Processing (PROTEXT IV) 1987, ‘Text Processors with Linguistic Knowledge’ (with Gert Anbeek), accepted paper, Boston, U.S.A., 20-22 October, 1987.
7. NAIC-88 (First Dutch A.I. Conference) 1988, ‘Toepassingen van een objectgericht computermodel van de Nederlands morf fonologie’, accepted paper, Amsterdam, The Netherlands, 12-13 April, 1988.
8. ORD’88 (Educational Research Conference), ‘Een intelligent tutoring systeem voor Nederlandse werkwoord-spelling’ (An intelligent tutoring system for Dutch verb spelling), accepted paper, Leuven, Belgium, 30-31 May, 1988.
9. Twelfth International Conference on Computational Linguistics (COLING’88), ‘GRAFON: A Grapheme-to-phoneme conversion system for Dutch’, accepted paper, Budapest, Hungary, 22-27 August, 1988.
10. Third International Symposium on Knowledge Engineering, ‘Learning Heuristic Diagnostic Rules in an Intelligent Tutoring System’, accepted paper, Madrid, Spain, October 19-21, 1988.
11. IJCAI-89 Workshop on Object-Oriented Programming in AI, ‘Object-oriented Hierarchical Lexicons’, accepted paper, Detroit, USA, August 22, 1989.
12. Morfologiedagen 1989, lecture on ‘Selectieve overerving in morfologische representatie’ (Selective inheritance in morphological representation), Leuven, Belgium, 21-22 September, 1989.
13. International Workshop on Inheritance in Natural Language Processing, ‘Inheritance in Object-oriented Natural Language Processing’, accepted paper, Tilburg, The Netherlands, August 16-18, 1990.
14. CBL Symposium ‘Computer en Onderwijs’, invited paper on ‘TDTDT and Spelraam’, invitation Prof. P. Reynders, Antwerp, Belgium, October 13, 1990.
15. First meeting of CLIN (Computational Linguistics in the Netherlands), paper on ‘Breeding Linguistic Rules: a Selectionist Approach to NLP’, Utrecht, The Netherlands, October 26, 1990.
16. International joint conference of the Association for Computers and the Humanities and the Association for Literary and Linguistic Computing (ACH/ALLC 91), ‘An Object-oriented Linguistic Toolbox’, accepted paper, Tempe, Arizona, March 17-21, 1991.
17. CLIN 1991, Computational Linguistics in the Netherlands. ‘Linguistic Pattern Matching Capabilities of Connectionist Networks’, (with Antal van den Bosch), accepted paper, Amsterdam, The Netherlands, CWI, November 29, 1991.
18. CLIN 1991, Computational Linguistics in the Netherlands. ‘Evaluation of Lexical Representation Formalisms’, with Erik-Jan van der Linden, accepted paper, Amsterdam, The Netherlands, CWI, November 29, 1991.
19. First SHOE Workshop on Machine Learning of Natural Language, Tilburg University, ‘Genetic Search and Assimilation’, Tilburg, The Netherlands, February 28, 1992.
20. Workshop on Connectionism and Natural Language (TWLT 3), invited paper on ‘Generalization Performance of Backpropagation Learning on a Syllabification Task’ (with Antal van den Bosch), invitation Prof. Anton Nijholt, Enschede, The Netherlands, May 13, 1992.

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21. COGSYS 10 (10th Workshop of the ESSCS), paper on ‘Genetic Optimization in memory-based generalization. Application to a Linguistic Pattern Matching Problem’, accepted paper, Groningen, The Netherlands, May 20, 1992.
22. CLIN 1992 (Third Computational Linguistics in the Netherlands meeting), accepted paper on ‘Corpus-based Methods for Grapheme-to-Phoneme Conversion in Dutch.’ (with Antal van den Bosch), Tilburg, The Netherlands, October 30, 1992.
23. CLIN 1992 (Third Computational Linguistics in the Netherlands meeting), accepted paper on ‘Exploring Artificial Learning Algorithms: Learning to Stress Dutch Simplex Words.’ (with van den Bosch, Durieux and Gillis), Tilburg, The Netherlands, October 30, 1992.
24. IPrA Research Forum, ‘Exploring artificial learning algorithms’ (with van den Bosch, Durieux and Gillis), invitation Prof. J. Verschueren, Antwerp, Belgium, November 6, 1992.
25. Computational Phonology Workshop, accepted paper on ‘Exploring artificial learning algorithms’ (with van den Bosch, Durieux and Gillis), Edinburgh, UK, December, 18, 1992.
26. TIN 1993 (Linguistics Meeting), paper on ‘Exploring artificial learning algorithms in the domain of metrical phonology’ (with van den Bosch, Durieux and Gillis), Utrecht, The Netherlands, January 16, 1993.
27. ECML 1993 Workshop on Machine Learning and Text Analysis, accepted paper on ‘A Data-Driven Approach to Stress Acquisition.’ (with Gillis, Durieux and van den Bosch), Vienna, Austria, April 8, 1993.
28. EACL 1993, accepted paper on ‘Data-oriented methods for grapheme-to-phoneme conversion.’ (with van den Bosch), Utrecht, The Netherlands, April 21-23, 1993.
29. Meeting of the BKL (Belgische Kring Linguïsten), paper on ‘Theory-driven vs. Data-driven benaderingen van woordklemtoon: een empirische test.’ (with Durieux and Gillis), Brussels, Belgium, May 8, 1993.
30. Benelearn 1993, accepted paper on ‘Machine Learning of Natural Language: An Empiricist Alternative to Nativist Theory.’ (with Durieux and Gillis), Palais des Congres, Brussels, Belgium, June 1, 1993.
31. Joint International Conference of the ACH and the ALLC 1993, accepted paper on ‘Learning Linguistic Mappings: An Instance-Based Learning Approach.’ (with Gillis, Durieux and van den Bosch), Georgetown University Washington, DC, USA, June 15-17, 1993.
32. Fifteenth Annual Conference of the Cognitive Science Society, accepted paper on ‘Learnability and Markedness: Dutch Stress Assignment.’ (with Gillis, Durieux, and van den Bosch), Boulder, Colorado, USA, June 18-21, 1993.
33. Third Conference of the International Cognitive Linguistics Association, accepted paper on ‘Similarity-Based Acquisition of Linguistic Prototypes.’ (with Gillis, Durieux, and van den Bosch), Leuven, Belgium, July 19-23, 1993.
34. Sixth International Congress for the Study of Child Language, accepted paper on ‘Analogical Modeling of Language Acquisition’ (with Gillis, Durieux, van den Bosch), Trieste, Italy, July 18-24, 1993.
35. Eurospeech 1993, accepted paper on ‘TABTALK: Reusability in data-oriented Grapheme-to-Phoneme Conversion.’ (with A. van den Bosch), Berlin, Germany, September 21-23, 1993.
36. Sixth NET symposium, ‘Do we really need parameters? The case of stress acquisition.’ (with Gillis and Durieux), Nijmegen, Max Planck Institute, February, 11, 1994.
37. Workshop Cognitive Models of Language Acquisition, invited contribution on ‘Lazy Learning: A comparison of natural and machine stress learning.’ (with Gillis and Durieux), invitation: Peter Broeder and Jaap Murre, Tilburg, April 21-23, 1994.
38. Belgian-Dutch conference on Machine Learning BENELEARN 1994, accepted paper on ‘Skousen’s Analogical Modeling Algorithm’, (with Gillis, Durieux), Rotterdam, June 10, 1994.
39. First Lisbon Meeting on Child Language, accepted paper on ‘Do we really need parameters? The case of stress acquisition.’ (with Gillis and Durieux), Lisbon, Portugal, June 14-18, 1994.
40. Colloque International Communication Prelinguistique et linguistique chez l’enfant, accepted paper on ‘Modeling the Nature-Nurture Debate: An Experiment’ (with Gillis and Durieux), Paris, France, June 20-22, 1994.
41. Sixteenth Annual Conference of the Cognitive Science Society, accepted paper on ‘Are Children Lazy Learners? A comparison of Natural and Machine Learning of stress.’ (with Gillis and Durieux), Georgia Institute of Technology, Atlanta, USA, August 13-16, 1994.
42. International Conference on New Methods in Language Processing (NeMLaP), accepted paper on ‘Skousen’s Analogical Modeling Algorithm: A Comparison with Lazy Learning’ (with Gillis and Durieux), UMIST, Manchester, UK, September 14-16, 1994.
43. Second International Conference on Quantitative Linguistics (QUALICO), accepted paper on ‘Analysing Orthographic Depth of Different Languages using Data-Oriented Algorithms’ (with van den Bosch, De Gelder and Content), Moscow, Russia, September 20-24, 1994.
44. Computational Linguistics in the Netherlands (CLIN’94), accepted paper on ‘Linguistics as Data Mining.’ Enschede, The Netherlands, November 23, 1994.

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45. First International Workshop on the Acquisition of Pre- and Protomorphology, University of Vienna, accepted papers on 'Lazy Learning: Does Rule-like Behavior Require Rules?' (with Gillis and Durieux) and 'The acquisition of Dutch diminutives: Do learnability results predict the order of acquisition?' (with Gillis and Berck), Vienna, Austria, February 24-28, 1995.
46. GALA (Groningen Assembly on Language Acquisition), accepted paper 'Testing a computer simulation of a parametric model' (with Gillis and Durieux), Groningen, September 8, 1995.
47. Computational Linguistics in the Netherlands (CLIN'95), accepted paper on 'Memory-Based Part of Speech Tagging' (with Berck, Gillis, Zavrel). Antwerp, Belgium, December 1, 1995.
48. Computational Linguistics in the Netherlands (CLIN'95), accepted paper on 'Machine Learning of Morpheme Boundary detection' (with van den Bosch, Weijters). Antwerp, Belgium, December 1, 1995.
49. Inductive Logic Programming project ILP-2 End-User Meeting, talk on 'Machine Learning of Natural Language.', Bonn, Germany, March 27, 1996.

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50. VIIth International Congress for the Study of Child Language, accepted paper, 'On phonological bootstrapping' (with Gillis and Durieux), Istanbul, Turkey, July 16, 1996.
51. Fourth Workshop on Very Large Corpora, accepted paper, 'MBT: A Memory-Based Part of Speech Tagger Generator.' (with Zavrel, Berck, Gillis), Copenhagen, Denmark, August 4, 1996.
52. Sixteenth International Conference on Computational Linguistics, accepted paper 'Unsupervised Discovery of Phonological Categories through Supervised Learning of Morphological Rules.' (with Berck, Gillis), Copenhagen, Denmark, August 5-9, 1996.
53. Second International Conference on new Methods in Language Processing, accepted paper, 'Morphological Analysis as Classification: an Inductive-Learning Approach.' (with van den Bosch, Weijters), Ankara, Turkey, September 16-18, 1996.
54. TROPICS, Workshop on early language perception and production in normal and impaired children: "How to get into language: approaches to bootstrapping in early language development." Accepted paper on 'Phonological Bootstrapping: Learning Grammatical Classes from Phonological Cues' (with Gillis, Durieux, Kempen, Wijnen), Berlin, Germany, September 26-29, 1996.
55. Seventh CLIN workshop, accepted paper on 'Memory-Based Prepositional Phrase Attachment.' (with Zavrel, Berck), IPO, Eindhoven, The Netherlands, November 15, 1996.
56. Interdisciplinary Research Conference "Informatiewetenschap 1996", accepted paper on 'Part-of-speech tagging with MBT, a memory-based tagger-generator.' (with Zavrel, Berck), TUDelft, Delft, The Netherlands, December 13, 1996.

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57. GALA'97, accepted poster presentation on 'Learning grammatical classes from phonological cues: an experiment.' (with Gillis, Durieux, Kempen), University of Edinburgh, Edinburgh, UK, April 4-6, 1997.
58. European Conference on Machine Learning, ECML'97, accepted poster presentation on 'A Feature-Relevance Heuristic for Indexing and Compressing Large Case Bases.' (with van den Bosch, Zavrel), Prague, April 24, 1997.
59. Workshop on Empirical Learning of Natural Language Processing Tasks, accepted paper on 'Memory-based Learning: Using Similarity for Smoothing.' (with Zavrel), Prague, April 26, 1997.
60. ACL-EACL Conference, accepted paper on 'Memory-based Learning: Using Similarity for Smoothing.' (with Zavrel), Madrid, July 9, 1997.
61. CONLL'97 Workshop, accepted paper on 'Resolving PP Attachment Ambiguities with Memory-Based Learning.' (with Zavrel, Veenstra), Madrid, July 11, 1997.
62. Cognitive Science Conference 1997, accepted poster on 'Toward Memory-Based Syntactic Processing.', (with Veenstra, Zavrel), Stanford, August 9, 1997.
63. First Conference on Computational Psycholinguistics (CPL'97), accepted paper on 'Toward Memory-Based Syntactic Processing.' (with Veenstra, Zavrel), Berkeley, August 12, 1997.
64. Benelearn 1997, accepted paper on 'When Small Disjuncts Abound, Try Lazy Learning: A Case Study.' (with Van den Bosch, Weijters, Van den Herik), Tilburg, October 21, 1997.

1998

65. Round Table on Algorithms for Memory-Based Language Processing, paper on 'Abstraction is Harmful?', Corsendonk, Oud-Turnhout, December 13, 1997.
66. NeMLaP-3 and CoNLL'98, accepted paper on 'Do not forget: Full memory in memory-based learning of word pronunciation.' (with van den Bosch), Sydney, Australia, January 17, 1998.
67. NeMLaP-3 and CoNLL'98, accepted paper on 'Modularity in inductively-learned word pronunciation systems.' (with van den Bosch, Weijters), Sydney, Australia, January 17, 1998.
68. ELSNET in Wonderland workshop, accepted paper on 'Rapid development of NLP modules with memory-based learning.', Utrecht, March 1998.
69. LREC workshop on adapting lexical and corpus resources to sublanguages and applications, accepted paper on 'Toward Inductive Lexicons: a Case Study.', Granada, May 26, 1998.

70. COLING/ACL conference, accepted paper on ‘Improving data driven wordclass tagging by system combination.’, Montreal, Canada, August 10-14, 1998.
71. Ninth CLIN meeting, accepted presentations on ‘On the arbitrariness of lexical categories.’ (with Gillis, Durieux); ‘Memory-Based word sense disambiguation.’ (with van den Bosch, Buchholz, Veenstra, Zavrel); ‘A numeric transform for memory-based language processing (with Gemis); ‘Comparing maximal entropy tagging and memory-based tagging.’ (with Depauw, De Raedt, Dehaspe), Leuven, Belgium, December 11, 1998.
72. Workshop on Adaptive NLP platforms and systems: problems, methodological issues, and applications, paper on ‘memory-based language engineering: making lexicons adaptive.’, Rome. Italy, January 23, 1999.
73. Computational Natural Language Learning (CoNLL-99), accepted paper on ‘Memory-Based Shallow Parsing’, (with Jorn Veenstra and Sabine Buchholz), Bergen, Norway, June 12, 1999.
74. Joint Conference on Empirical Methods in NLP and Very Large Corpora, accepted paper on ‘Cascaded Grammatical Relation Assignment.’, (with Jorn Veenstra and Sabine Buchholz), College Park, Maryland, June 21-22, 1999.
75. 37th annual meeting of the ACL, accepted paper on ‘Memory-based morphological analysis.’, (with Antal van den Bosch), College Park, Maryland, June 23-26, 1999.
76. 6th European conference on speech communication and technology, accepted poster presentation on ‘Machine learning of word pronunciation: the case against abstraction.’, (with Antal van den Bosch and Bertjan Busser), Budapest, Hungary, September 5-9, 1999.
77. 10th Computational Linguistics in the Netherlands meeting, accepted paper on ‘Bootstrapping morphosyntactic annotation for the corpus of spoken Dutch.’ (with Van Eynde and Zavrel), Utrecht, December 10, 1999.
78. 10th Computational Linguistics in the Netherlands meeting, accepted paper on ‘A machine learning approach to phonemic corpus annotation.’ (with Hoste and Gillis), Utrecht, December 10, 1999.
79. Morfologiedagen 1999. Accepted paper on ‘Wanneer drinkt men t? Een psycholinguïstische en computationele benadering van dt-fouten.’ (with Frisson, Daems, Gillis, Durieux, Taelman). Antwerpen, Belgium, December 15-16, 1999.
80. Evolang (Evolution of Language) Conference, accepted poster on ‘GraeL, Grammar Adaptation, Evolution and Learning.’ (with De Pauw) Paris, France, April 3-6, 2000.
81. Second International Conference on Language Resources and Evaluation, accepted paper on ‘Bootstrapping a Tagged Corpus through Combination of Existing Heterogeneous Taggers’ (with Zavrel), Athens, Greece, 31 May - 2 June, 2000.
82. Second International Conference on Language Resources and Evaluation, accepted paper on ‘Part of Speech Tagging and Lemmatization for the Spoken Dutch Corpus’ (with Van Eynde and Zavrel), Athens, Greece, 31 May - 2 June, 2000.
83. 17th International Conference on Machine Learning, accepted paper on ‘Meta-Learning for Phonemic Annotation of Corpora.’ (with Hoste, Tjong Kim Sang, Gillis), Stanford, USA, 29 June - 2 July, 2000.
84. 18th International Conference on Computational Linguistics, accepted paper on ‘A Rule Induction Approach to Modeling Regional Pronunciation Variation.’ (with Hoste and Gillis), Saarbrücken, Germany, 31 July - 4 August, 2000.
85. 18th International Conference on Computational Linguistics, accepted paper on ‘Applying system combination to base noun phrase identification’ (with Sang, Déjean, Koeling, Krymolowski, Punyakanok, Roth), Saarbrücken, Germany, 31 July - 4 August, 2000.
86. Fourth Conference on Computational Natural Language Learning, accepted paper on ‘The role of algorithm bias vs. information source in learning algorithms for morphosyntactic disambiguation.’ (with De Pauw), Lisbon, Portugal, 13-14 September, 2000.
87. Fourth Conference on Computational Natural Language Learning, accepted paper on ‘Genetic algorithms for feature relevance assignment in memory-based language processing.’ (with Kool, Zavrel), Lisbon, Portugal, 13-14 September, 2000.
88. AMLaP-2000, accepted poster on ‘The modal shift from root infinitives to finite verbs in children’s language. A computer simulation study. (with Kempen & Gillis). Leiden, The Netherlands, September 20-23, 2000.
89. AMLaP-2000, accepted poster on ‘Testing dual route models for morphology: german plurals.’ Leiden, The Netherlands, September 20-23, 2000.
90. BNAIC’00, accepted paper on ‘Meta-learning for phonemic annotation of corpora.’ (with Hoste, Gillis), Tilburg, The Netherlands, 1–2 November, 2000.
91. CLIN 2000, accepted paper on ‘GRAEL: a distributed, evolutionary computing approach to grammar optimization.’ (with De Pauw), Tilburg, The Netherlands, 3 November, 2000.
92. CLIN 2000, accepted paper on ‘A memory-based approach to connectionist shift-reduce parsing.’ (with Veenstra), Tilburg, The Netherlands, 3 November, 2000.

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93. CLIN 2000, accepted paper on ‘Comparing bagging and boosting for natural language processing tasks: a typicality approach.’ (with Hoste), Tilburg, The Netherlands, 3 November, 2000.
94. Bene-Evolang 2000, accepted paper on ‘Data-driven GRAEL: a distributed, evolutionary computing approach to grammar induction and optimization.’ (with De Pauw), Brussels, Belgium, 17th November, 2000.
95. TWLT 18 and CEvoLE 2, Internalising Knowledge, accepted paper on ‘Diverse classifiers for NLP disambiguation tasks. Comparison, Optimization, Combination, and Evolution.’ (with Zavrel, Degroeve, Kool, Jokinen), Ieper, Belgium, November 22-24, 2000.
96. Benelearn 2000, accepted paper on ‘Simultaneous feature selection and parameter optimization for memory-based natural language processing.’, (with Kool, Zavrel), Tilburg, The Netherlands, 13 December, 2000.
97. Benelearn 2000, accepted paper on ‘Comparing bagging and boosting for natural language processing tasks: a typicality approach’, (with Hoste), Tilburg, The Netherlands, 13 December, 2000.
98. Symposium on Psycholinguistics approaches to implicit and explicit phonological knowledge, paper on ‘Stress, rules and lexicon: a psycholinguistic approach.’ (with Durieux, Frisson, Gillis, Sandra, Taelman), Antwerp, March 30, 2001.
99. COCOSDA Workshop 2001, accepted contribution on ‘Strengthening the Dutch Language and Speech Technology Infrastructure.’, (with Cucchiarini and Strik), Aalborg, September 2, 2001.
100. RANLP 2001, accepted paper on ‘SHAPAQA: Shallow Parsing for Question Answering on the World Wide Web.’ Tsigov Chark, 5-7 September, 2001.
101. Amlap-2001, accepted paper ‘Stress Assignment in Dutch: Memory-Based, Rule-Based, or Both?’, (with Durieux, Frisson, Taelman, Martens, Gillis, Sandra), Saarbrücken, September 20-22, 2001.
102. CLIN 2001, accepted paper on ‘Phoneme-to-grapheme conversion for out-of-vocabulary items in speech recognition.’ (with Decadt, Duchateau, Wambacq), Enschede, November 30, 2001.
103. CLIN 2001, accepted paper on ‘Stress assignment in Dutch: dual and single mechanism models.’ (with Durieux, Martens, Gillis, Sandra), Enschede, November 30, 2001.
104. CLIN 2001, accepted paper on ‘Memory-based all-words word-sense disambiguation for Dutch and English.’ (with Hoste, van den Bosch, Hendrickx), Enschede, November 30, 2001.
105. CLIN 2001, accepted paper on ‘Interaction between named-entity recognition and base NP chunking for Dutch.’ (with Hoste and De Meulder), Enschede, November 30, 2001.
106. Dag van de Fonetiek, paper on ‘Where do syllables come from?’, (with Martens, Gillis, Taelman). Utrecht, December 20, 2001.
107. NET-symposium 2002, ‘De oorsprong van syllaben.’ (with Martens, Gillis, Taelman), Nijmegen, The Netherlands, March 15, 2002.
108. LREC 2002, accepted paper on ‘Evaluation of Machine Learning Methods for Natural Language Processing Tasks.’ (with Hoste), Las Palmas de Gran Canaria, May 29, 2002.
109. LREC 2002, accepted poster on ‘A Human Language Technologies Platform for the Dutch Language.’ (with Binnenpoorte, De Vriend, Sturm, Strik, and Cucchiarini), Las Palmas de Gran canaria, May 31, 2002.
110. ATILA Meeting 2002, paper on ‘Limitations of comparative machine learning methodology.’ (with Hoste), Tilburg, The Netherlands, June 19, 2002.
111. ACL 2002 Workshop on Word Sense Disambiguation: Recent Successes and Future Directions, accepted paper on ‘Dutch Word Sense Disambiguation: Optimizing the Localness of Context.’ (with Hendrickx, Hoste, van den Bosch), Philadelphia, USA, July 11, 2002.
112. ACL 2002 Workshop on Word Sense Disambiguation: Recent Successes and Future Directions, accepted paper on ‘Evaluating the results of a memory-based word-expert approach to unrestricted wsd.’ (with Hendrickx, Hoste, van den Bosch), Philadelphia, USA, July 11, 2002.
113. CogSci 2002, accepted paper on ‘Where do syllables come from?’ (with Martens, Gillis, Taelman), George Mason University, Fairfax, Virginia, August 8-10, 2002.
114. DSP Valley’s Annual Research & Technology Symposium (DARTS 2002), paper on ‘Automatic transcription and normalization of speech’ (with Duchateau, Wambacq, Vandeghinste, Van Eynde, Depoortere, Martens, Tjong Kim Sang), Leuven, Belgium, October 8, 2002.
115. 13th Meeting of Computational Linguistics in the Netherlands, accepted paper ‘Limitations of comparative machine learning methodology for language technology.’ (with Hoste), Groningen, The Netherlands, November 29, 2002.
116. 13th Meeting of Computational Linguistics in the Netherlands, accepted paper ‘Predicting pitch accents and phrase breaks from text.’ (with Marsi, Reynaert, Hoste, van den Bosch), Groningen, The Netherlands, November 29, 2002.
117. 13th Meeting of Computational Linguistics in the Netherlands, accepted paper ‘On the relevance of performing shallow parsing before clustering.’ (with Reinberger and Decadt), Groningen, The Netherlands, November 29, 2002.

2001

2002

118. Third International Conference on Intelligent Text Processing and Computational Linguistics (CICLING-03). Accepted paper “Is shallow parsing useful for unsupervised learning of semantic clusters.” (with Reinberger), Mexico City, Mexico, February 16-22, 2003.
119. International Conference on Ontologies, Databases and Applications of SEMantics (ODBASE-03), accepted paper on “Mining for lexons: applying unsupervised learning methods to create ontology bases.” (with Reinberger, Spyns, Meersman), Catania, Sicily (Italy), 3-7 November 2003.
120. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Verb Classification.” (with Decadt), Antwerp, Belgium, December 19, 2003.
121. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Two techniques for morphological segmentation in Dutch.” (with Laureys, De Pauw, Van hamme), Antwerp, Belgium, December 19, 2003.
122. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Evaluation of statistical measures for the selection of semantic dependencies” (with Reinberger), Antwerp, Belgium, December 19, 2003.

123. Fourteenth Meeting of Computational Linguistics in the Netherlands, accepted abstract on “Adaptation of the CELEX Dutch Morphological Database in the FLAVOR-project.” (with De Pauw, Laureys, Van Compernelle), Antwerp, Belgium, December 19, 2003.
124. Conference on Natural Language Learning (CoNLL-04), accepted paper on “Memory-based semantic role labeling: Optimizing features, algorithm, and output.” (with van den Bosch, Canisius, Hendrickx, Tjong Kim Sang), Boston, USA, May 6-7, 2004.
125. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted paper on “Sentence Simplification for Subtitling in Dutch and English.” (with Höthker and Tjong Kim Sang), Lisbon, Portugal, May 26-28, 2004.
126. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted paper on “Multimodal Multilingual Resources in the Subtitling Process.” (with Piperidis, Demiros, Prokopidis, Vanroose, Höthker, Daelemans, Sklavounou, Konstantinou, Karavidas), Lisbon, Portugal, May 26-28, 2004.
127. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted poster on “Unsupervised Text Mining for Ontology Extraction: An Evaluation of Statistical Measures.” (with Reinberger), Lisbon, Portugal, May 26-28, 2004.
128. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted poster on “Unsupervised Text Mining for Ontology Extraction: An Evaluation of Statistical Measures.” (with Reinberger), Lisbon, Portugal, May 26-28, 2004.
129. 4th International Conference on Language Resources and Evaluation (LREC 2004), accepted poster on “Evaluation and adaptation of the Celex Dutch morphological database.” (with Laureys, De Pauw, Van Hamme, Van Compernelle), Lisbon, Portugal, May 26-28, 2004.
130. LREC Workshop “Beyond Named Entity Recognition - Semantic Labelling for NLP Tasks.” accepted paper on “Verb Classification - Machine Learning Experiments in Classifying Verbs into Semantic Classes.”, (with Decadt), Lisbon, Portugal, May 25, 2004.
131. Workshop on Current Themes in Computational Phonology and Morphology, accepted paper on “A Comparison of Two Different Approaches to Morphological Analysis of Dutch.” (with De Pauw, Laureys, Van hamme), Barcelona, Spain, July 26, 2004.
132. Third International Workshop on the Evaluation of Systems for the Semantic Analysis of Text (Senseval-3), accepted paper on “GAMBL Genetic Algorithm Optimization of Memory-Based WSD.” (with Decadt, Hoste, van den Bosch), Barcelona, Spain, July 26, 2004.
133. International Conference on Ontologies, Databases, and Applications of Semantics (ODBase’04), accepted paper on “Automatic Initiation of an Ontology”, (with Reinberger, Spyns, Pretorius), Larnaca, Cyprus, October 25-29, 2004.
134. Languages and The Media, 5th International Conference and Exhibition on Language Transfer in Audiovisual Media, Invited contribution on “Automatic sentence compression in the MUSA project.” (with Höthker), Berlin, Germany, November 3-5, 2004.
135. Computational Linguistics in the Netherlands 2004, accepted presentation on “Combining shallow text analysis and machine learning techniques for authorship attribution.” (with Luyckx), Leiden, The Netherlands, December 17, 2004.
136. Computational Linguistics in the Netherlands 2004, accepted poster presentation on “Memory-Based Biological Concept Tagging” (with Meyhi), Leiden, The Netherlands, December 17, 2004.
137. Computational Linguistics in the Netherlands 2004, accepted poster presentation on “Automatic ontology extraction for the building of a virtual environment” (with Meyhi), Leiden, The Netherlands, December 17, 2004.

2005

- 138. Workshop on Machine Learning for Information Extraction, presentation on “Machine learning of shallow parsing for information extraction from text.” Antwerp, Hof Van Liere, March 10, 2005.
- 139. Ninth Conference on Natural Language Learning (CoNLL 2005), accepted paper on “Improving sequence segmentation learning by predicting trigrams.” (with Van den Bosch), Ann Arbor, MI, USA, June 29-30, 2005.
- 140. ICL-2005 workshop on learning language in logic, accepted paper on “Rule Meta-learning for Trigram-Based Sequence Processing.” (with Canisius, van den Bosch), Bonn, Germany, August 7, 2005.

- 141. ICML-2005 workshop on metalearning, accepted paper on “Comparing Learning Approaches to Coreference Resolution. There is more to it than bias.” (with Hoste), Bonn, Germany, August 11, 2005.

- 142. CALCUA symposium, contribution on “Extracting Knowledge from Text”, Antwerpen, October 20, 2005.

- 143. Computational Linguistics in the Netherlands 2005, accepted presentation on “Lexical representation in supervised machine learning.” (with Decadt), Amsterdam, The Netherlands, December 16, 2005.

2006

- 144. EACL 2006 Workshop on Learning Structured Information in Natural Language Applications, accepted paper on “Constraint Satisfaction Inference: Non-probabilistic global inference for sequence labelling.” Trento, Italy, April 3, 2006.

- 145. Benelearn 2006. Accepted paper on “Comparing Learning Approaches to Language Learning. There is More to it Than Bias.” (with Hoste), Ghent, Belgium, May 12, 2006.

- 146. LREC 2006 Workshop Toward Computational Models of Literary Analysis, accepted paper on “Stylogenetics: Clustering-Based Stylistic Analysis of Literary Corpora.” (with Luyckx, Vanhoutte), Genoa, Italy, May 22, 2006.

- 147. International Conference on Language Resources and Evaluation (LREC 2006), accepted paper on “A mixed word/morphological approach for extending CELEX for high coverage on contemporary large corpora.” (with De Pauw, Vaneyghen, Van Compernelle), Genoa, Italy, May 26, 2006.

- 148. Conference on Natural Language Learning (CoNLL X). Accepted paper (with Glickman, Dagan, Keller, Bengio) on “Investigating lexical substitution scoring for subtitle generation.” New York, USA, June 8, 2006.

- 149. BNAIC Conference, accepted paper on “Discrete versus probabilistic sequence classifiers for domain-specific entity chunking.” (with Canisius, Van den Bosch), Namur, Belgium, October 6, 2006.

2007

- 150. CLIN 2006, accepted paper on “An efficient memory-based morphosyntactic tagger and parser for Dutch” (with Busser, Van den Bosch, Canisius), Leuven, Belgium, January 12, 2007.

- 151. CLIN 2006, accepted paper on “The automatic resolution of ”hetin a machine learning approach to Dutch coreference resolution ” (with Hoste, Hendrickx), Leuven, Belgium, January 12, 2007.

- 152. CLIN 2006, accepted paper on “Evaluating hybrid versus data-driven coreference resolution” (with Hoste, Hendrickx), Leuven, Belgium, January 12, 2007.

- 153. 6th Discourse Anaphora and Anaphor Resolution Colloquium, accepted paper on “Evaluating hybrid versus data-driven coreference resolution.” (with Hendrickx, Hoste), Lagos, Portugal, March 30, 2007.

- 154. Workshop Machine Learning for Natural Language Processing. Accepted poster presentation on “Adding Semantic Information: Unsupervised Clusters for Coreference Resolution” (with Hendrickx), Amsterdam, The Netherlands, May 16, 2007.

- 155. International Conference TSD 2007, accepted paper on “Disambiguation of the neuter pronoun and its effect on pronominal coreference resolution.” (with Hendrickx, Hoste), Plzen, Czech Republic, September 6, 2007.

- 156. CLIN 2007, accepted paper on “COREA Wrap up: the corpus and evaluation” (with Iris Hendrickx, Gosse Bouma, Frederik Coppens, Veronique Hoste, Anne-Marie Mineur, Joeri Van Der Vloet, Jean-Luc Verschelde), Nijmegen, The Netherlands, December 7, 2007.

- 157. CLIN 2007, accepted paper on “ Predicting Author Personality from Text” (with Luyckx), Nijmegen, The Netherlands, December 7, 2007.

2008

- 158. CICLing-2008 Conference, accepted paper on “Semantic and syntactic features for anaphora resolution for Dutch.” (with Hendrickx, Hoste), Haifa, Israel, 17-23 February, 2008.

- 159. Workshop on Parsing and Semantic Role Labeling, presentation on “Domain Adaptation in Memory-Based Shallow Parsing.”, Tilburg, February 26, 2008.

- 160. Sixth International Conference on Language Resources and Evaluation (LREC 2008), accepted paper on “ Personae: A Corpus for Author and Personality Prediction from Text.” (with Luyckx), Marrakech, May 28, 2008.

- 161. Sixth International Conference on Language Resources and Evaluation (LREC 2008), accepted paper on “Coreference resolution for extracting answers for Dutch.” (with Hendrickx, Bouma, Coppens, Hoste, Kloosterman, Mineur, van der Vloet, Verschelde), Marrakech, May 28, 2008.

162. 5th International Natural Language Generation Conference (INLG 2008), accepted paper on “CNTS: memory-based learning of generating repeated references.” (with Hendrickx, Luyckx, Morante, Van Asch), Salt Fork, Ohio, USA, June 13, 2008.
163. Digital Humanities 2008, accepted paper on “Using Syntactic Features to Predict Author Personality from Text” (with Luyckx). Oulu, Finland, June 26, 2008.
164. 12th CoNLL, accepted paper on “A combined memory-based semantic role labeler of English.” (with Morante, Van Asch), Manchester, UK, August 16-17, 2008.
165. COLING 2008, accepted paper on “Authorship Attribution and Verification with Many Authors and Limited Data.” (with Luyckx), Manchester, UK, August 19, 2008.
166. EMNLP 2008 Conference, accepted paper on “Learning the Scope of Negation in Biomedical Texts.” (with Morante, Liekens), Honolulu, 25-27 October, 2008.
167. 20th Belgian-Netherlands Conference on Artificial Intelligence (BNAIC 2008), accepted paper on “Authorship Attribution and Verification with Many Authors and Limited Data.” (with Luyckx), Enschede, The Netherlands, October 31, 2008.
168. Taal in Bedrijf, presentation on “My Word Coach: taaltechnologie voor en Nintendospel” (with Vervloesem, Van den Bosch), Brussel, November 19, 2008.
169. 19th Computational Linguistics in the Netherlands, accepted contributions on “Extending a Shallow Parser with PP-attachment and a comparison with full statistical parsing” (with Van Asch), “Aligning complex translational correspondences via bootstrapping” (with Macken), “TACTiCS: a Tool for Analyzing and Categorizing Texts using Characteristics of Style.” (with Luyckx), Groningen, January 22, 2009.
170. 22nd annual CUNY conference on human sentence processing (CUNY 2009), accepted poster on “An exemplar-based approach to sentence comprehension.” (with Vandekerckhove, Sandra), March 26-28, Davis, USA, 2009.
171. EACL 2009, accepted paper on “A robust and extensible exemplar-based model of thematic fit.” (with Vandekerckhove, Sandra), Athens, Greece, April 2, 2009.
172. 12th European workshop on Natural Language Generation, accepted paper on “Is sentence compression an NLG task?” (with Marsi, Krahmer, Hendrickx), Athens, Greece, April 2, 2009.
173. Psycholinguistics in Flanders 2009, contribution on “An exemplar-based approach to sentence comprehension.” (with Vandekerckhove, Sandra), Antwerpen, May 18-19, 2009.
174. Workshop on BioNLP, accepted paper on “A memory-based learning approach to event extraction in biomedical texts.” (with Morante and Van Asch), Boulder, Colorado, June 4-5, 2009.
175. CoNLL 2009, accepted paper on “A metalearning approach to processing the scope of negation.” (with Morante), Boulder, Colorado, June 4-5, 2009.
176. BioNLP workshop, accepted paper on “Learning the scope of hedge cues in biomedical texts.” (with Morante), Boulder, Colorado, June 4-5, 2009.
177. Workshop on language generation and summarization, accepted paper on “Reducing redundancy in multi-document summarization using lexical semantic similarity.” (with Hendrickx, Marsi, Krahmer), Singapore, August 6, 2009.
178. RANLP conference accepted paper on “Prepositional phrase attachment in shallow parsing.” (with Van Asch), Borovce, Bulgaria, September 15, 2009.
179. RANLP conference accepted paper on “Prototype-based active learning for lemmatization.” (with Groenewald, Van Huyssteen), Borovce, Bulgaria, September 15, 2009.
180. BioTM 2010 Workshop on Advances in Bio Text Mining, accepted poster on “Hybrid Shallow Parsing Based Information Extraction for Glycosylation Curation.” (with Veronique Hoste, Violaine Pillet, Anne-Lise Veuthey), May 10-11, 2010, Ghent, Belgium.
181. 20th Computational Linguistics in the Netherlands (CLIN), accepted contributions on “Memory-based approaches to event extraction from biomedical texts.” (with Morante and Van Asch), “A Chunk-Driven Bootstrapping Approach to Extracting Translation Patterns” (with Macken), “Weigh your words: memory-based lemma retrieval for Middle Dutch literary texts.” (with Kestemont and De Pauw), “Processing the scope of negation and hedge cues in biomedical texts: a comparative study.” (with Morante), “Modeling normal and impaired knowledge of semantic constraints on adjective order without explicit constraints.” (with Vandekerckhove and Sandra) “Emotion Classification in a Serious Game for Training Communication Skills.” (with Vaassen), Utrecht, February 5th, 2010.
182. CICLing 2010, accepted paper on “A Chunk-Driven Bootstrapping Approach to Extracting Translation Patterns.” (with Macken), Iasi, Romania, March 25, 2010.
183. Benelearn 2010. Accepted presentation on “Space traveling: Assessing the ‘soundness’ of class labels in memory-based learning and the case of Middle Dutch spelling variation.” (with Kestemont, De Pauw), Leuven, Belgium, May 28, 2010.
184. CoNLL 2010, accepted paper on “Memory-based resolution of in-sentence scopes of hedge cues.” (with Morante, Van Asch), Uppsala, Sweden, July 15, 2010.

2009

2010

185. ACL Workshop on Domain Adaptation for Natural Language Processing (DANLP), accepted paper on “Using Domain Similarity for Performance Estimation” (with Van Asch), Uppsala, Sweden, July 15, 2010.
186. 4th Symposium on Semantic Mining in Biomedicine (SMBM), accepted paper on “Towards improving the precision of a relation extraction system by processing negation and speculation.” (with Van Asch, Morante), Hinxtun, UK, October 25, 2010.
187. 4th Symposium on Semantic Mining in Biomedicine (SMBM), accepted paper on “Assessment of NER solutions against the first and second CALBC Silver Standard Corpus.” (with Van Asch, Morante and others), Hinxtun, UK, October 26, 2010.
188. Intelligent Machines, poster on “BIOGRAPHTM: Large scale biomedical relation extraction from unstructured data.” (with Van Asch, Morante), Nijmegen, The Netherlands, November 17, 2010.
189. International Conference on Computational Semantics (IWCS 2011) accepted poster on “Corpus-based approaches to processing the scope of negation cues: an evaluation of the state of the art.” (with Morante, Schrauwen), Oxford, UK, January , 2011.
190. 21st Computational Linguistics in the Netherlands (CLIN), accepted contributions on “Age and Gender Prediction on Netlog Data.” (with Peersman and Van Vaerenbergh), “Machine Learning Approaches to Sentiment Analysis Using the Dutch Netlog Corpus.” (with Schrauwen), “Without a doubt no uncomplicated task: Negation cues and their scope.” (with Morante and Schrauwen), “Combined Qualitative and Quantitative Error Analysis in Multi-Topic Authorship Attribution.” (with Luyckx), “Robust Rhymes? The Stability of Authorial Style in Medieval Narratives.” (with Kestemont and Sandra), Ghent, February 11th, 2011.
191. 9th European event of Evolutionary Music, Sound an Art (EvoMusArt2011), accepted paper on “Generative Art Inspired by Nature, Using NodeBox.” (with De Smedt, Lechat). Torino, Italy, April 28, 2011.
192. BKL Language Day, talk on “Impaired knowledge of adjective order constraints as overeager abstraction.” (with Vandekerckhove, Sandra), Antwerp, May 7, 2011.
193. The 20th Annual Belgian-Dutch Conference on Machine Learning, paper on “Using Domain Similarity for Performance Estimation.” (with Van Asch), The Hague, Netherlands Forsensic Institute, May 20, 2011.
194. 2nd Workshop on Computational Approaches to Subjectivity and Sentiment Analysis (WASSA), accepted paper on “Automatic emotion classification for interpersonal communication’.” (with Vaassen), Portland, Oregon, June 24, 2011.
195. 10th Psycholinguistics in Flanders workshop (PIF2011), accepted paper on “Impaired knowledge of adjective order constraints as overeager abstraction.” (with Vandekerckhove, Sandra), Antwerp, June 25, 2011.
196. Inductive Logic Programming 2011, accepted paper on “Kernel-based Logical and Relational Learning with kLog for Hedge Cue Detection.” (with Verbeke, Frasconi, Van Asch, Morante, De Raedt), Windsor, UK, August, 3, 2011.
197. Question Answering For Machine Reading Evaluation (QA4MRE) at CLEF 2011, paper on “Annotating modality and negation for a machine reading evaluation.” (with Morante). Amsterdam, September 21, 2011.
198. 4th PAN lab (Uncovering Plagiarism, Authorship, and Social Software Misuse) (collocated with CLEF 2011), accepted paper on “Intrinsic Plagiarism Detection Using Character Trigram Distance Scores.” (with Luyckx, Kestemont). Amsterdam, September 22, 2011.
199. Serious Games: The Challenge. Paper on “deLearyous: An Interactive Application for Interpersonal Communication Training.” (with Vaassen and others), Ghent, Belgium, October 21, 2011.
200. 3rd International Workshop on Search and Mining User-generated Contents (SMUC 2011) accepted paper on “Predicting Age and Gender in Online Social Networks.” (with Peersman, Van Vaerenbergh), Glasgow, UK, October 28, 2011.
201. Twenty-Second Annual Symposium of the Pattern Recognition Association of South Africa, accepted paper on “Automatic Genre Classification for Resource Scarce Languages.” (with Snyman, van Huyssteen), Johannesburg, South Africa, November 22, 2011.
202. IEEE Data Mining Workshops (ICDMW), demo paper on “BioGraph: Knowledge Discovery and Exploration in the Biomedical Domain.” (with Liekens and others), Vancouver, Canada, December 11, 2011.
203. Dag van de Fonetiek, presentation on “ALADIN: de ontwikkeling van zelflerende, spraakgestuurde bedieningsinterfaces voor mensen met een motorische beperking.” (with van de Loo, De Pauw and others), Utrecht, The Netherlands, December 15, 2011.
204. 22nd Computational Linguistics in the Netherlands (CLIN), accepted contributions on “Cross-Genre Authorship Verification Using Unmasking.” (with Crombez, Kestemont, Luyckx), “Grammar induction for assistive domestic vocal interfaces.” (with De Pauw, van de Loo and others), “A thresholding approach to emotion detection in suicide notes.” (with Luyckx, Vaassen, Peersman), “Kernel-based Logical and Relational Learning with kLog for Hedge Cue Detection.” (with Van Asch, Morante and others), Tilburg, January 20th, 2012.

2011

2012

205. LREC 2012, accepted papers on “The Netlog Corpus: a Resource for the Study of Flemish Dutch Internet Language.” (with Kestemont and others), “ConanDoyle-neg: Annotation of negation in Conan Doyle stories’.” (with Morante), “Vreselijk mooi! (terribly beautiful): A Subjectivity Lexicon for Dutch Adjectives.” (with De Smedt), Istanbul, Turkey, 23-25 May, 2012.
206. Workshop on Natural Language Processing for Improving Textual Accessibility (NLP4ITA), accepted paper on “Towards Shallow Grammar Induction for an Adaptive Assistive Vocal Interface: a Concept Tagging Approach.” (with De Pauw, van de Loo and others), Istanbul, Turkey, May 27, 2012.
207. EMNLP-CoNLL accepted paper on “A statistical relational learning approach to identifying evidence based medicine categories.” (with Morante, Van Asch, and others), Jeju, Korea, July 12, 2012.
208. 1st Workshop on Speech and Multimodal Interaction in Assistive Environments (SMIAE), accepted paper on “Towards a Self-Learning Assistive Vocal Interface: Vocabulary and Grammar Learning.” Jeju, Korea, July 12th, 2012.
209. Digital Humanities, accepted paper on “Evaluating unmasking for cross-genre authorship verification.” (with Kestemont, Luyckx, Crombez), Hamburg, Germany, July 18, 2012.
210. Interspeech 2012 accepted paper on “A Self-Learning Assistive Vocal Interface Based on Vocabulary Learning and Grammar Induction.” (with van de Loo, De Pauw and others), Portland, Oregon, September 11, 2012.
211. CLEF 2012 QA4MRE Lab, papers on “Annotating Modality and Negation for a Machine Reading Evaluation.” (with Morante) and on “Machine Reading of Biomedical Texts about Alzheimer’s Disease.” (with Morante, Valencia, Krallinger), Rome, Italy, September 18, 2012.
212. CLEF 2012 PAN Lab, accepted paper on “Conversation Level Constraints on Pedophile Detection in Chat Rooms.” (with Van Asch, Vaassen, Peersman), Rome, Italy, September 19, 2012.
213. The 6th European Conference on Games Based Learning, accepted paper on “Training Interpersonal Communication Skills Using Unconstrained Text Input.” (with Vaassen and others), Cork, Ireland, October 4, 2012.
214. 23rd Computational Linguistics in the Netherlands (CLIN), accepted contributions on “A simple method for topic classification for morpho-logically complex languages” (with Vaassen, Kapociute-Dzikiene, De Pauw); “Semantic classification of Dutch and Afrikaans noun-noun compounds” (with Verhoeven, van Huyssteen); “Semantic frame induction in an assistive vocal interface using hierarchical HMMs” (with van de Loo, Gemmeke, De Pauw, Van hamme); “The Chatty Corpus: a gold standard for Dutch chat normalization” (with Peersman, Kestemont, De Decker, De Pauw, Luyckx, Morante, Vaassen, van de Loo), Enschede, the Netherlands, January 18th, 2013.
215. Benelearn 2013, accepted paper on “An analytical approach to similarity measure selection for selftraining”. (with Van Asch), Nijmegen, The Netherlands, June 3, 2013.
216. Workshop on Computational Personality Recognition, accepted paper on “Ensemble Methods for Personality Recognition.” (with Verhoeven, De Smedt). Boston, USA, July 11, 2013.
217. 4th Workshop on Speech and Language Processing for Assistive Technologies (SLPAT), accepted paper on “A Self Learning Vocal Interface for Speech-impaired Users.” (with De Pauw, van de Loo, and others). Grenoble, France, 21-22 August, 2013.
218. 14th Annual Conference of the International Speech Communication Associati (Interspeech 2014), accepted paper on “Self-taught assistive vocal interfaces: An overview of the ALADIN project.” (with van de Loo, De Pauw and others). Lyon, France, 25-29 August 2013.
219. ALaT 2013, accepted paper on “Semantic Classification of Dutch and Afrikaans Noun-Noun Compounds.” (with Verhoeven, van Huyssteen). Ghent, December 6, 2013.
220. 24th Computational Linguistics in The Netherlands (CLIN 2014), accepted contributions on “Weakly supervised semantic frame induction: effects of using background knowledge.” (with van de Loo, Gemmeke, De Pauw, Van hamme); “Natural Language Processing for Internet Security: the AMiCA project’.” (with Hoste, De Pauw, Lefever, Desmet, Schulz, Verhoeven, Van Hee); “CLiPS Stylemetry Investigation (CSI) Corpus: A Dutch corpus for the detection of age, gender, personality, sentiment and deception in tekst.” (with Verhoeven), Leiden, The Netherlands, January 17, 2014.
221. LREC 2014, accepted presentations on “CLiPS Stylemetry Investigation (CSI) corpus: A Dutch corpus for the detection of age, gender, personality, sentiment and deception in text.” (with Verhoeven); “The Strategic Impact of META-NET on the Regional, National and International Level” (with Georg Rehm and others), Reykjavik, Iceland, May 26-31, 2014.
222. DHBenelux 2014 accepted contributions on “CLiPS Stylemetry Investigation (CSI) Corpus: A Dutch corpus for the detection of age, gender, personality, sentiment and deception in text.” (with Verhoeven) and “Towards a General Purpose Tagger-Lemmatizer for Pre-Modern Dutch.” (with Kestemont, De Pauw, van Nie), Amsterdam, The Netherlands, The Hague, June 12-13, 2014.
223. Fifth International Conference on Computational Creativity, accepted late breaking paper on “Creative Web Services with Pattern.” (with Nijs, De Smedt), Ljubljana, Slovenia, June 12, 2014.

2013

2014

224. 19th International Conference on Application of Natural Language to Information Systems (NLDB 2014), accepted paper on “Using Wiktionary to Build an Italian Part-of-Speech Taggers.” (with De Smedt, Marfia, Matteucci), Montpellier, France, June 18-20, 2014.
225. First Workshop on Computational Approaches to Compound Analysis (ComACoMA 2014), accepted paper on “Automatic Compound Processing: Compound Splitting and Semantic Analysis for Afrikaans and Dutch.” (with Verhoeven, van Zaanen, van Huyssteen), Dublin, Ireland, August 24, 2014.
226. PAN 2014 (at CLEF), “Overview of the Author Identification Task at PAN 2014”; “Overview of the 2nd Author Profiling Task at PAN 2014” (with Stamatas, Rosso, Rangel, Verhoeven, and others), Sheffield, UK, September 16, 2014.
227. Historical Network Research Conference (HNR 2014), paper on “A text-mining approach to social network analysis of policy makers in Belgium and The Netherlands.” (with De Pauw, De Smedt, Hanegraaff, Fraussen), Ghent, Belgium, September 19, 2014.
228. KVAB/KANTL joint meeting, paper on “Een onverwachte toepassing van automatische stijlanalyse: veiligheid van jongeren in sociale netwerken.” Brussels, 20 september, 2014.
229. Second International Conference on Statistical Language and Speech Processing, accepted paper on “Lazy and Eager Relational Learning using Graph-Kernels” (with Verbeke, Van Asch, De Raedt), Grenoble, France, October 14-16, 2014.
230. Workshop on Computational Personality Recognition (WCPR 2014), accepted paper on “Evaluating Content-Independent Features for Personality Recognition.” (with Verhoeven, Soler Company), Orlando, Florida, November 7, 2014.
231. 25th Computational Linguistics in the Netherlands Conference (CLIN 2015), accepted poster on “A semi-supervised method for cleanup of a User-Generated Content Corpus.” (with Manjavacas, Verhoeven); accepted poster on “Comparing NLP techniques to represent unstructured data sources for the prediction of clinical codes.” (with Scheurwags, van den Bulcke, Luyckx, Luyten); accepted poster on “Weakly supervised concept tagging: combining a generative and a discriminative approach.” (with van de Loo, De Pauw, Gemmeke); accepted oral presentation on “Proof-of-Concept Experiments for the Fine-Grained Classification of Cyberbullying Events.” (with van Hee, Verhoeven, Lefever, De Pauw, Hoste), Antwerp, Belgium, February 7, 2015.
232. Workshop Cognitive Aspects of Computational Language Learning, accepted poster on “Towards a model of prediction-based syntactic category acquisition: first steps with word embeddings.” (with Grimm, Cassani, Gillis); accepted poster on “Which distributional cues help the most? Unsupervised contexts selection for lexical category acquisition.” (with Grimm, Cassani, Gillis), Lisbon, Portugal, September 18, 2015.
233. Copyediting for Dutch Symposium, organized by the Dutch Language Union, Moderator of Interactive Session, Antwerp, Belgium, September 24th, 2015.
234. 10th Benelux Bioinformatics Conference (BBC 2015), accepted poster on “Integrating structured and unstructured data sources for predicting clinical codes.” (with Scheurwags, van den Bulcke, Luyckx, Luyten), Antwerp, Belgium, December 7-8, 2015.
235. 26th Computational Linguistics in the Netherlands Conference (CLIN26), accepted poster on “A novel approach to aspect extraction taking into account linguistic structure.” (with Tulkens), accepted oral presentation on “Detecting racism in Dutch social media posts.” (with Tulkens, Hilte, Lodewyckx, Verhoeven); accepted oral presentation on “Distributional bootstrapping with Memory-based learning.” (with Cassani, Grimm, Gillis); accepted oral presentation on “Modeling the impact of contextual diversity on word learning.” (with Cassani, Grimm, Gillis); accepted oral presentation on “Personality traits on Twitter for less-resourced languages.” (with Plank, Verhoeven); accepted oral presentation on “Tagging Variation-Rich Languages Using Convolutional Neural Networks.” (with Kestemont, De Pauw, van Nie, Dieleman and de Schryver); accepted oral presentation on “Text-based age and gender prediction for online safety monitoring.” (with van Loo, De Pauw), Amsterdam, The Netherlands, December 18, 2015.
236. TextLink Second Action Conference, accepted poster on “Discourse features for computational stylometry.”, Budapest, Hungary, April 13, 2016.
237. 10th Language Resources and Evaluation Conference, accepted presentations on “Evaluating Unsupervised Dutch Word Embeddings as a Linguistic Resource.” (with Tulkens, Uster) and “TwiSty: A Multilingual Twitter Stylometry Corpus for Gender and Personality Profiling.” (with Verhoeven, Plank), Portoroz, Slovenia, May 23–28, 2016.
238. Workshop on Text Analytics for Cybersecurity and Online Safety (TA-COS 2016), accepted paper on “A Dictionary-based Approach to Racism Detection in Dutch Social Media.” (with Tulkens, Hilte, Lodewyckx, Verhoeven), Portoroz, Slovenia, May 23, 2016.
239. DHBenelux Conference 2016, accepted short paper on “Multilingual Personality Profiling on Twitter.” (with Verhoeven, Plank), June 9-10, Belval, Luxembourg, 2016.
240. Digital Humanities 2016, accepted paper on “Authorship Verification with the Ruzicka Metric.” (with Kestemont, Stover, Koppel, Karsdorp), Kraków, Poland, July 11-16, 2016.

2015

2016

241. 38th Annual Conference of the Cognitive Science Society, accepted poster on “Constraining the search space in cross-situational word learning: Different models make different predictions.” (with Cassani, Grimm, Gillis), Philadelphia, US, August 11, 2016.
242. 15th Workshop on Biomedical Natural Language Processing, Association for Computational Linguistics, accepted paper on “Using Distributed Representations to Disambiguate Biomedical and Clinical Concepts.” (with Tulkens, uster), Berlin, Germany, August 12, 2016.
243. 4th Conference on CMC and Social Media Corpora for the Humanities, accepted paper on “Expressiveness in Flemish online teenage talk: a corpus-based analysis of social and medium-related linguistic variation.” (with Hilte, Vandekerckhove), Ljubljana, Slovenia, September 27-28, 2016.
244. BNAIC-2016, accepted short paper on “Using Distributed Representations to Disambiguate Biomedical and Clinical Concepts.” (with Tulkens, uster), Amsterdam, The Netherlands, November 10-11, 2016.
- 245.
246. 27th Computational Linguistics in the Netherlands Conference (CLIN27), accepted oral presentations on “Multi-word units in lexical processing and word learning: a computational investigation” (with Grimm, Cassani, Gillis); accepted oral presentation on “Useful contexts and easy words: effects of distributional factors on lexical category acquisition” (with Grimm, Cassani, Gillis); accepted oral presentation on “Modeling language interference effects in bilingual word reading” (with Tulkens, Sandra); accepted poster on “Spelling correction for clinical text with word and character n-gram embeddings” (with Fivez, uster); accepted poster on “Cyberbullying detection in Social Media” (with Jacobs, Van Hee, Emmery, Desmet, Lefever, Verhoeven, De Pauw, Hoste); accepted poster on “Clinical Case Reports dataset for machine reading” (with uster), Leuven, Belgium, February 10, 2017.
247. Sociolinguistics Circle 2017, accepted presentation on “Adolescents social background and variation patterns in online communication.” (with Vandekerckhove, Hilte). Tilburg, The Netherlands, March 31, 2017.
248. KANTL meeting, “Mechanische creativiteit? Van ‘écriture automatique’ tot ‘twitterbot’”. Ghent, May 17, 2017.
249. International Conference on Language Variation in Europe, ICLAVE 9, accepted presentation on “The Sociolinguistics of Flemish Online Teenage Talk: Social and Medium-Related Variation in the Use of Expressive Markers”, Malaga, Spain, June 6-9, 2017
250. AMLAP 2017, accepted poster on “A Self-Organizing model of the Bilingual Reading System” (with Tulkens, Sandra). Lancaster, UK, September 7-9, 2017.
251. AMIA 2017 Annual Symposium, accepted poster on “Clinical Machine Comprehension Using Case Reports.” (with uster). Washington, USA, November 4-8, 2017.

2017